Educational Planning Guide
for High School Students

For incoming 2020-2021
Freshman Class
Graduation Cohort 2024

Twenty-Fourth Edition
2020-2021
For Parents and Students

Mobile County
PUBLIC SCHOOLS

LEARNING TODAY. LEADING TOMORROW.

Mobile County
PUBLIC SCHOOLS

One Magnum Pass P.O. Box 180069 Mobile, Alabama 36618 www.mcpss.com

MR. CHRESAL THREADGILL, SUPERINTENDENT

We believe our primary focus is to educate all students to become productive citizens; and we are committed to making this the priority over all other district functions. We believe all employees are professionals who share in the responsibility for the success of our students; and we are committed to recruiting, employing, developing and retaining employees who are effective in leading our district in achieving our mission. We believe in safe, secure, and productive environments for learning and working; and we are committed to providing quality and equitable settings that ensure students and employees reach their potential. We believe the success of our schools is enhanced by the support and partnership of the community and stakeholders; and we are committed to informing and engaging our community through transparency, accountability, and communication.

OUR VISION

Mobile County Public Schools will become a premier educational system where students engage in multiple pathways leading to success in a global society.

OUR MISSION

The mission of Mobile County Public Schools is to graduate prepared and productive citizens.

BOARD OF SCHOOL COMMISSIONERS

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DISTRICT 1

MR. DON STRINGFELLOW, VICE-PRESIDENT
DISTRICT 2

DR. REGINALD CRENSHAW
DISTRICT 3

MR. ROBERT BATTLES, SR.
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DR. WILLIAM FOSTER
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K-12 SCHOOLS

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SPECIAL EDUCATION PROGRAMS

MRS. DOROTHY H. WALTON, ACADEMIC OFFICER
SCHOOL IMPROVEMENT

MRS. BELINDA ROBERTS, EXECUTIVE DIRECTOR
FEDERAL PROGRAMS

MS. MICHELE MCCLUNG, DIRECTOR
TEACHING, LEARNING, AND ASSESSMENT

MRS. HELEN C. MILES, ACADEMIC COORDINATOR
TEACHING, LEARNING, AND ASSESSMENT

DR. AMANDA JONES, COORDINATOR
PROFESSIONAL LEARNING, INNOVATION, & SPECIAL PROJECTS

DR. MONICA R. MOTLEY, COORDINATOR/DIRECTOR
TRANSFORMATIONAL IMPROVEMENT and GUIDANCE AND COUNSELING

DR. KIMBERLY L. WALKER, SUPERVISOR
GUIDANCE AND COUNSELING

DIVISION OF STUDENT SUPPORT SERVICES

MR. TERRANCE S. MIXON, SR, ASSISTANT SUPERINTENDENT

MRS. CHERYL ROBINSON-SUTTON
DISTRICT REGISTRAR

MR. CURTESS BELSON, SUPERVISOR
ATTENDANCE

MRS. SHARON BAILEY
LEAD NURSE

MR. PATRICK MITCHELL, SR. DIRECTOR
TRANSPORTATION

MRS. KATRICE S. CUNNINGHAM, DIRECTOR
STUDENT DISCIPLINE AND PLACEMENT

MRS. DENISE RIEMER
LEAD SOCIAL WORKER

MRS. PAMELA S. SMITH
LEAD NURSE

The Mobile County Public School System does not discriminate its education and employment programs on the basis of religion, age, race, color, sexual orientation, national origin, gender, marital or parental status, and disability. This district complies with all federal and state laws and regulations regarding discrimination. For any inquiries regarding compliance and/or grievance procedures may be directed to Bryan Hack, Executive Director, Human Resources, P.O. Box 180069 Mobile, Alabama 36618 or call (251) 221-4540.

High School Directory

BAKER HIGH SCHOOL

8901 AIRPORT BOULEVARD
MOBILE, ALABAMA 36608
www.bakerhighschool.com
MR. JOHN J. POIROUX, PRINCIPAL

W.P. DAVIDSON HIGH SCHOOL

3900 PLEASANT VALLEY ROAD
MOBILE, ALABAMA 36609
www.wpdavidson.org
MR. JASON RICHARDSON, PRINCIPAL

MATTIE T. BLOUNT HIGH SCHOOL

5450 LOTT ROAD
EIGHT MILE, ALABAMA 36613
www.blountmcpssal.schoolinsites.com
MR. C. JEROME WOODS, JR., PRINCIPAL

JOHN L. LEFLORE HIGH SCHOOL

700 DONALD STREET
MOBILE, ALABAMA 36617
www.lefloremcpssal.schoolinsites.com
MR. WILLIAM HENDERSON, PRINCIPAL

ALMA BRYANT HIGH SCHOOL

14001 HURRICANE BOULEVARD
IRVINGTON, ALABAMA 36544
www.almabryanths.com
MR. DAVID SPRINKLE, PRINCIPAL

MARY MONTGOMERY HIGH SCHOOL

4275 SNOW ROAD
SEMMES, ALABAMA 36575
www.mgmvikings.com
MR. MARLON FIRLE, PRINCIPAL

CITRONELLE HIGH SCHOOL

8200 LEBARON AVENUE
CITRONELLE, ALABAMA 36522
www.citronellemcpssal.schoolinsites.com
MR. RANDY CAMPBELL, PRINCIPAL

S.S. MURPHY HIGH SCHOOL

100 SOUTH CARLEN STREET
MOBILE, ALABAMA 36606
www.mhspanthers.com
MR. JOE TOOMEY, PRINCIPAL

High School Directory

B.C. RAIN HIGH SCHOOL

3125 DAUPHIN ISLAND PARKWAY
MOBILE, ALABAMA 36605
www.bcrainmcpssal.schoolinsites.com
MR. EDWARD SANDERSON, PRINCIPAL

BRYANT CAREER TECHNICAL CENTER

8950 PADGETT SWITCH ROAD
IRVINGTON, ALABAMA 36544
www.bryanttechmcpssal.schoolinsites.com
MR. WILLIAM MEREDITH, PRINCIPAL

THEODORE HIGH SCHOOL

6201 SWEDETOWN ROAD
THEODORE, ALABAMA 36582
www.theodorebobcats.org
MR. CHARLES MENTON, PRINCIPAL

FAULKNER CAREER TECHNICAL CENTER

33 WEST ELM STREET
PRICHARD, ALABAMA 36610
www.faulknerctc.com
MR. WILLIAM WHITE, PRINCIPAL

C.F. VIGOR HIGH SCHOOL

913 N. WILSON AVENUE
PRICHARD, ALABAMA 36610
www.vigorhighschool.com
MR. GERALD CUNNINGHAM, PRINCIPAL

AUGUSTA EVANS SPECIAL SCHOOL

6301 BILOXI AVENUE
MOBILE, ALABAMA 36608
www.evans.mce.schoolinsites.com
MRS. ASHA J. KIDD, PRINCIPAL

WILLIAMSON HIGH SCHOOL AND MIDDLE GRADES PREPARATORY ACADEMY

1567 EAST DUBLIN STREET
MOBILE, ALABAMA 36605
www.williamsonmcpssal.schoolinsites.com
MR. KIRVEN LANG, PRINCIPAL

CONTINUOUS LEARNING CENTER

1870 PLEASANT AVENUE
MOBILE, ALABAMA 36617
www.clcmcpssal.schoolinsites.com
DR. WILLIAM SMITH, PRINCIPAL

Table of Contents

HOW TO USE THE EDUCATIONAL PLANNING GUIDE 8
PURPOSE
PARENTAL RESPONSIBILITY
WHERE TO FIND THE EDUCATIONAL PLANNING GUIDE

REGISTRATION AND ENROLLMENT 9
REGISTRATION PROCESS 10
TRANSFER STUDENTS 10
TRANSFERRING CREDITS 11
TRANSFERRING FROM NON-ACCREDITED SCHOOLS 11
ENROLLING STUDENTS IN A HOMESCHOOL PROGRAM 12
GRADE PLACEMENT 12

ATTENDANCE 15
ATTENDANCE POLICY AND PROCEDURES 16
MEDICAL LEAVE OF ABSENCE 16
CHRONIC ILLNESS 16
PREGNANCY 16
CONTINUOUS ATTENDANCE FOR GRADUATION 17

GRADUATION REQUIREMENTS 19
DIPLOMA REQUIREMENTS 20
TESTING REQUIREMENTS 21
ALABAMA CAREER PLANNING SYSTEM 22
PROCEDURE FOR CHANGE OF DIPLOMA PATHWAY 22
GRADUATING PRIOR TO COHORT YEAR 23
MID-YEAR GRADUATION 23
RANKING OF STUDENTS 24
COMPUTATION OF GPA 25

SCHEDULING 29
BLOCK SCHEDULING 30
SCHEDULE CHANGE PROCEDURES 30
SCHEDULING REQUIREMENT 30
SCHEDULING NON-TRADITIONAL STUDENTS 30

GRADING AND EARNING CREDITS 33
MCPSS GRADING SCALE 34
GRADE COMPUTATION 34
9-WEEK GRADE COMPUTATION 34
18-WEEK GRADE COMPUTATION 35
PROGRESS REPORTS 35
WEIGHTING OF GRADES 35
GRADE CORRECTION 36
EARNING CREDITS 37

Table of Contents

CREDITS AWARDED PRIOR TO GRADE 9 37
TIME ALLOTMENT AND CREDIT REQUIREMENT 37
CREDIT RESTRICTIONS 38
CREDIT ADVANCEMENT 38
CREDIT RECOVERY 40
SUMMER SCHOOL 43

ACADEMIC LETTERING and HONOR SOCIETY MEMBERSHIPS 45
NATIONAL HONOR SOCIETY 46
NATIONAL TECHNICAL HONOR SOCIETY 47

ADVANCED ACADEMIC AND SPECIAL PROGRAMS 49
DUAL ENROLLMENT 50
START SOUTH 51
UA EARLY COLLEGE 52
ACCELERATED COLLEGE ENTRY PROGRAM (ACEP) 52
ACCESS DISTANCE LEARNING 53
MCPSS ACADEMY OF VIRTUAL LEARNING 55
EVENING EDUCATIONAL OPTIONS PROGRAM 56

ATHLETICS 57
ELIGIBILITY 58
HIGH SCHOOL ELIGIBILITY 58
NCAA ELIGIBILITY 58
NAIA ELIGIBILITY 59
NON-TRADITIONAL ATHLETES 59

SIGNATURE ACADEMIES 61

SPECIAL EDUCATION SERVICES 71

COURSE OPTIONS AND DESCRIPTIONS 77
MISCELLANEOUS COURSES 78
CAREER AND TECHNICAL EDUCATION 80
DRIVER'S EDUCATION 124
ENGLISH AND LANGUAGE ARTS EDUCATION 125
ENGLISH AS A SECOND LANGUAGE (ESL) 134
FINE ARTS EDUCATION 136
JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC) 192
MATHEMATICS EDUCATION 202
PHYSICAL AND HEALTH EDUCATION 213
SCIENCE EDUCATION 218
SOCIAL STUDIES EDUCATION 227
SPECIAL EDUCATION 234
WORLD LANGUAGES 247

HOW TO USE THE
EDUCATIONAL PLANNING GUIDE

Please know that it is the responsibility of the student and parent to access, read and comprehend ALL information in the Educational Planning Guide.

The mission and primary focus of the Mobile County Public School System is to produce and graduate students who are ready to become prepared and productive citizens. As a reflection of our fundamental belief in our students, we developed the Educational Planning Guide (EPG) to provide the necessary information and guidance needed to optimize their high school experience.

The Educational Planning Guide provides answers to all questions related to high school:

- Registration and Enrollment
- Earning and Transferring Credits
- Attendance
- Graduation Requirements
- Scheduling
- Grading Procedures and Calculation Methods
- Honor Society Memberships and Academic Lettering
- Athletics
- Advanced Academic and Special Programs
- Special Education Programs
- Course Descriptions

Throughout the EPG, you will notice icons, pictures, and pull quotes that have been selected to help you find and highlight important information.

Please know that it is the responsibility of the student and parent to access, read, and comprehend ALL information in the Educational Planning Guide. An electronic version of the EPG can be accessed on the MCPSS website (Academic Affairs, Guidance and Counseling area) as well as on the main page of each high school's website. On each website, you will also have access to the PDF version of the EPG to download and print a copy.

Updates and changes made to the Graduation Requirements and Grading and Credits sections apply to the Freshman Class of 2020-2021 (Graduating Class of 2024), ONLY. All other classes will follow requirements written in the following Educational Planning Guide publications:

Freshman Class 2017-2018 (Graduating Class of 2021):	Educational Planning Guide 2017-2018	21st Edition
Freshman Class 2018-2019 (Graduating Class of 2022):	Educational Planning Guide 2018-2019	22nd Edition
Freshman Class 2019-2020 (Graduating Class of 2023):	Educational Planning Guide 2019-2020	23rd Edition



Updates and changes made to the Graduation Requirements and Grading and Credits sections apply to the Freshman Class of 2020-2021 (Graduating Class of 2024) ONLY

REGISTRATION AND ENROLLMENT

- ENROLLMENT PROCESS
- TRANSFER STUDENTS
- TRANSFERRING CREDITS
- TRANSFERRING FROM NON-ACCREDITATED SCHOOLS
- ENROLLING STUDENTS IN A HOMESCHOOL PROGRAM
- GRADE PLACEMENT

MRS. CHERYL ROBINSON-SUTTON, District Registrar
csutton@mcpss.com

REGISTRATION PROCESS

All Mobile County Public School System students MUST complete on-line registration each school year.

New Students: https://newstudentregistration.mcpss.com
Returning Students: https://stuupdateinfo.mcpss.com

The following items must be presented to the high school Registrar in order to complete enrollment:

- Parent/Legal Guardian Photo Identification
- Driver's License or Non-Driver ID or other Photo ID
- Alabama Immunization Certificates
- All students must have an IMM-50 Certificate of Immunization or an IMM-52 Certificate of Religious Exemption. A physical examination verified on Form SS-517 is also recommended. Only Alabama issued immunization certificates are acceptable. A new enrollee from another public school in Alabama will be conditionally enrolled pending receipt of school records containing the student's immunization certificate.
- Immunization Certificates are required for the following:
  1. Any child entering kindergarten or first grade who has not previously attended school.
  2. Any new enrollee transferring from outside the State of Alabama.
  3. Any new enrollee transferring from a private school.
- A Copy of Student's Certified Birth Certificate
- Student's Social Security Number
- Two Proofs of Residence
- Information regarding Provisions for Determining Proof of Residence may be received by contacting the Division of Student Services or any local public school.
- Report Card and/or Withdrawal Paper
- Copy of Transcript/Record from Previous School
- Custody Papers (if applicable)

TRANSFER STUDENTS

(ACCREDITED SCHOOLS, NON-ACCREDITED SCHOOLS, AND HOME SCHOOL SITUATIONS)

Students transferring from accredited public or non-public schools/school settings will have all credits and current class/grade placement accepted upon receipt of their official transcript(s) without validation. The Alabama State Department of Education and the U.S. Department of Education recognize the following accrediting agencies:

- AdvancED/COGNIA
- Southern Association of Colleges and Schools (SACS)
- Middle States Association of Colleges and Schools
- New England Association of Schools and Colleges
- North Central Association of Colleges and Schools
- Western Association of Schools and Colleges
- North Western Association of Schools and Colleges

A complete list of schools accredited by AdvancED/COGNIA can be viewed by visiting www.advanc-ed.org or visiting the regional organization's website. Public or non-public schools/school settings that are accredited by any other accrediting program or agency are considered to be non-accredited schools/school settings. For transferring core (English, mathematics, science, and social studies) courses from non-accredited schools/school settings, official records, national standardized tests, and locally-administered end-of-course test should be used to determine placement/credit for students. Elective courses are transferred without validation.

Validation of core-courses/credits from non-accredited (not AdvancED accredited) educational settings is required. All official records and nationally standardized test results (if available) will be used in the validation process. Request for Validation Testing form should be sent to Teaching, Learning, and Assessment for middle school grade placement, 8th grade to 9th grade high school placement, and transfer of high school core credits.

TRANSFERRING CREDITS

1. The transfer of credits and/or 9th grade placement shall be as follows:
   - Credit for elective courses shall be transferred without validation.
   - Non-contested credit for core courses shall be transferred as follows:
     - Using all official records and nationally standardized tests (if available), the principal or his/her designee shall determine placement and notify the student and the parent(s)/guardian(s).
     - Following placement for any initial core courses successfully completed, transfer of previous credit earned at a non-accredited school(s) in that subject area shall be accepted without further validation.
   - Validation of core courses from non-accredited institutions will be administered as follows:
     - A Central Office designee shall supervise the administration of the District's most recent semester test for each prerequisite core course in which the parent/guardian is requesting enrollment. For each test the student passes as determined by the district office personnel, the student shall be placed in the next level core course and credit shall be transferred for prerequisite courses. The grade earned from the non-accredited setting shall be the grade recorded on the transcript upon passing the exam(s).
     - For any test failed, placement shall be made by district office officials and no credit shall be transferred for the prerequisite course(s) in that subject.

2. In the event of controversial records/transcripts, the absence of records, or records from a non-accredited institution, the student shall take placement/validation tests consisting of the District's core validation exams.

3. Transfers from Accredited Schools
A student transferring to an Alabama public school from a public or non-public school accredited by an accrediting agency recognized by the State Board of Education will have all credits accepted without validation upon the receipt of an official transcript(s).

The School Counselor will complete a MCPSS Transfer of Credit Approval Form, as needed, and submit a copy to the School Registrar so that a valid transcript can be placed in iNOW.

4. Local Board of Education Requirements
All transfer students must meet the graduation requirements established by the Mobile County Public School System.

5. In Mobile County, valid credits are accepted at face value. No accommodations will be made to waive core course requirements for graduation for students transferring from schools not following a block schedule. Students transferring from an accredited institution on a 6 or 7 period schedule and have received half (.5) credit for a core class will receive half (.5) elective credit for core course and be scheduled for the course again.

6. All transcripts of students who have withdrawn during the last quarter of a semester from an out-of-district school and have not received credit for those courses should be forwarded to Mrs. Cheryl Sutton, District Registrar, Dr. Kimberly Walker, Supervisor of Guidance and Counseling Services, and Mrs. Helen Miles, Academic Coordinator of Teaching, Learning, and Assessment immediately upon receipt. **(Board Approved 4/23/18)**

PRORATION OF GRADUATION CREDITS FOR TRANSFER STUDENTS

If a student transfers from a school system outside of Mobile County Public Schools that requires less credits for graduation, a request for proration of graduation credits can be made. **The number of credits required for graduation may be prorated to 24 (ALSDE standard) provided all necessary requirements are met. This waiver is only granted through Academic Affairs.** The process is as follows:

- The transfer student **must be a Senior** who is in their cohort year.
- The student must satisfy all core and required electives.
- The counselor must submit a written request, along with a transcript, to the Supervisor of Guidance and Counseling.
- Proration of graduation credits must be properly documented in iNOW after approval is given.

Students who transfer into an MCPSS high school prior to their senior year have enough time to earn the credits required for graduation through following regular schedule, working through Credit Recovery, and/or Summer School.

HOMESCHOOLING

Parents seeking information regarding home schooling should contact the Division of Student Support Services. There are specific guidelines for students taught in the home setting or by a private tutor.

When a child enters or re-enters a public school setting, the guardian will be required to provide documentation of the school years enrolled in a home schooling program, courses completed and grading information, and either a promotion statement (i.e. John Doe is promoted to the 9th grade.) or a grade completion statement [(i.e. John Doe has completed the 8th grade requirements under the supervision of (Name of School).] Once the student has presented documentation of completion of the 8th grade, and passed 8th grade validation tests, the student should be enrolled as a 9th grade student. If the student is entering as a high school student and attempting to transfer credits, the same procedures should be followed as outlined in the section, "Transfers from Non-Accredited and Accredited Schools," located above.

GRADE PLACEMENT

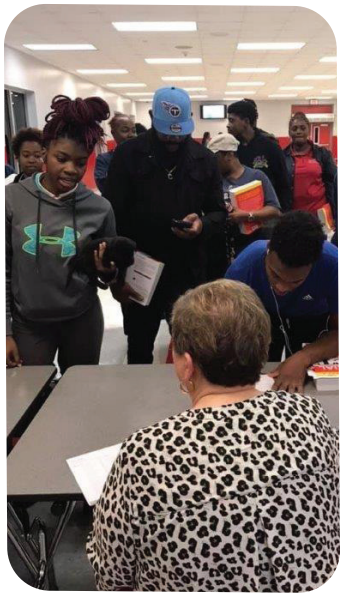
Once a student enrolls in high school, they are placed or promoted to each grade level based on the following information:

Grade 9 (Freshman)	Successful completion of Middle School
Grade 10 (Sophomore)	Successful completion of 7 credits and an approved Educational Plan of Study
Grade 11 (Junior)	Successful completion of 14 credits
Grade 12 (Senior)	Successful completion of 20 credits – and must be able to complete all graduation requirements within the year.

ENROLLING NON-TRADITIONAL STUDENTS

Non-Traditional students (NTS) are those who are homeschooled; yet, enroll to take part in varsity athletics and/or other extracurricular activities that are not offered through their homeschool program.

- Non-traditional students must enroll in a school that services the area in which they live.
- Prior to enrollment, students and parents must complete the On-line registration process.
- Students follow regular enrollment procedures and present all proofs of residency and official transcripts.
- Students must be enrolled within the first 20 days of the semester in order to participate in any athletic sport or extra-curricular activity.
- Students will complete validation testing for core courses in order to be eligible to play on any athletic team.
- If the student decides to enroll in the traditional school full-time, they will be deemed eligible only if all requirements are met.
- If the student withdraws due to making a failing grade, they will be deemed ineligible to participate in athletics for one (1) year. If the student is in good academic standing at the time of withdrawal, they will remain eligible.










ME
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BOBCAT





ATTENDANCE

- MCPSS ATTENDANCE POLICY
- MEDICAL LEAVE OF ABSENCE
- CONTINUOUS ATTENDANCE FOR GRADUATION

MR. CURTESS BELSON, Supervisor of Attendance
cbelson@mcpss.com

ATTENDANCE POLICY

A. Students are required to be on time for school. It is the responsibility of the parents or guardians to make sure that their children arrive on time each day.

B. Any time that a student is absent, the parent or guardian must send a written note to school satisfactorily explaining the absence. A satisfactory note from a parent or guardian meets the following state guidelines: illness, death in the immediate family, inclement weather (as determined by the principal) which would be dangerous to the life and health of the child, legal quarantine, emergency conditions as determined by the principal, and prior permission of the principal and consent of the parent or guardian. The note or doctor's excuse must be sent to school *within three days* of the student's return to school to be counted as an excused absence. **SUSPENSIONS ARE UNEXCUSED ABSENCES.**

C. In cases of prolonged absence due to illness, the parent or guardian should seek assistance from the Homebound Program or make other arrangements with their child's principal. **If the student is planning a medical leave of absence (i.e. surgery, pregnancy), he/she is required to complete a Planned Medical Leave Contract (see School Nurse).**

D. A written note from a parent or guardian, as described above, will excuse absences for up to but not exceeding *four (4) absences for any full credit course per term* and not exceeding *two absences for any half credit course per term*. Further absences will require a doctor's note in order to be coded excused.

E. Parents or guardians of any student having a chronic ailment that may cause the child to miss school during the year are required to provide the school with a doctor's statement verifying the child's condition. This must be done as soon as the problem occurs and repeated at the beginning of each semester. Even though a student may have a chronic ailment letter on file, the parent/guardian must provide note for each absence due to the chronic ailment.

F. Prior permission must be obtained from the principal in order for absences for out-of-town trips to be excused.

G. Students must be in attendance one-half of the instructional day to be counted present. An early dismissal before ½ day (3½ hours) or a tardy after ½ day is counted as an absence. Tardies and early dismissals are strongly discouraged.

H. Students are responsible for reporting to school and to each class in accordance with their approved schedules.

I. Teachers shall be responsible for checking the roll daily in their assigned classes and properly recording attendance.

J. A student approved by the principal or his designee to participate in or attend a school sponsored or other approved activity during the school day shall be counted present. Students are responsible for all assignments missed while participating in or attending said activities.

K. The principal shall notify teachers in advance about students who will be attending approved activities and who will be counted present.

L. The principal or administrative designee should make every reasonable effort to contact (by telephone or in writing) the parents of any absent students on the day of the absence.

M. The principal shall notify the parent or guardian of the student's attendance record after the first day of unexcused absence per term for any full credit course and after the first day of unexcused absence per term for any half-credit course. This should be documented and kept on file for future reference.

EARLY WARNING TRUANCY PROGRAM

Parents and students will be referred to the Early Warning Truancy Program on the fifth (5th) unexcused absence and on the fifteenth tardy to school. Referral to the program includes the following steps:

1. The parent will receive official notification by U.S. Mail. The notice will require the parent and student to report to the Municipal Court located at the City/County Government Plaza.
2. The parent and student will meet with the Attendance Officer and the District Attorney. The Attendance Officer will review the system's Attendance Policy; the District Attorney will review the State of Alabama's Attendance Laws and consequences of breaking the laws.
3. If the parent and student fail to appear at the schedule Early Warning Truancy Program, the parent shall receive legal notice and a court referral.

CONTINUOUS ATTENDANCE FOR GRADUATION

Except in cases of legitimate change of residence or other circumstances equally valid for making an exception, a student is not to be graduated from high school unless he has been in continuous attendance therein during the entire high school year immediately preceding the date of graduation. If so desired, a local board of education may require students residing within its attendance zone and transferring from a non-accredited school setting to attend its school(s) for two (2) entire school years immediately preceding the date of graduation. In the event of the transfer from one school to another of a twelfth grade student who wishes to become a candidate for graduation at the end of the year, the school receiving the student should require approval in writing of the transfer, and the student's candidacy for graduation from the principal of the school from which the student has withdrawn. The letter of approval, together with any necessary memoranda, should be filed with the transcript of the student's record from the discharging school. In case of doubts as to procedure or appropriate action in such case, either or both of the principals of the schools concerned should discuss the matter with the State Department of Education.

– Alabama Administrative Code, Chapter 290-3-1-.02-(8.1) (h-1)

Parents and students will be referred to the EARLY WARNING TRUANCY PROGRAM on the fifth (5th) unexcused absence and on the fifteenth tardy to school.






If I Can Dream It, I Can Achieve It!
I Am Not Only Somebody, I Am Somebody Special



Graduation Requirements

- DIPLOMA REQUIREMENTS
- GRADUATION REQUIREMENTS
- ALABAMA CAREER PLANNING SYSTEM
- PROCEDURE FOR CHANGE OF DIPLOMA TRACK
- DECLARATION OF EARLY GRADUATION
- MID-YEAR GRADUATION
- RANKING OF SENIORS

DR. KIMBERLY L. WALKER,
Supervisor of Guidance and Counseling
kwalker@mcpss.com

MOBILE COUNTY PUBLIC SCHOOL SYSTEM DIPLOMA REQUIREMENTS

ALABAMA HIGH SCHOOL DIPLOMA	CREDITS NEEDED	ALABAMA HIGH SCHOOL DIPLOMA WITH ADVANCED HONORS	CREDITS NEEDED
ENGLISH:	**4**	**ENGLISH (HR, AP, DE, OR IB)**	**4**
ENGLISH 9 ENGLISH 10 ENGLISH 11 ENGLISH 12		ENGLISH 9 ENGLISH 10 ENGLISH 11 ENGLISH 12	
MATHEMATICS	**4**	**MATHEMATICS**	**4**
ALGEBRA I GEOMETRY ALGEBRAIC CONNECTIONS ALGEBRA II or ALGEBRA w/FINANCE		ALGEBRA I GEOMETRY HR ALGEBRA II w/TRIGONOMETRY HR, AP, DE, OR IB MATH ELECTIVE	
SCIENCE	**4**	**SCIENCE**	**4**
PHYSICAL SCIENCE BIOLOGY I SCIENCE ELECTIVE SCIENCE ELECTIVE		HR BIOLOGY I CP CHEMISTRY I CP PHYSICS SCIENCE ELECTIVE	
SOCIAL STUDIES	**4**	**SOCIAL STUDIES (HR, AP, DE, OR IB)**	**4**
MODERN WORLD HISTORY US HISTORY -BEG TO IND. REV US HISTORY -IND. REV TO PRESENT GOVERNMENT AND ECONOMICS		MODERN WORLD HISTORY US HISTORY -BEG TO IND. REV US HISTORY -IND. REV TO PRESENT GOVERNMENT AND ECONOMICS	
PHYSICAL EDUCATION	**1**	**PHYSICAL EDUCATION**	**1**
ONE CREDIT FROM ONE OR MORE OF THE FOLLOWING AREAS: BEGINNING KINESIOLOGY JROTC (MUST TAKE 1A & 1B) MARCHING BAND VARSITY ATHLETICS		**ONE CREDIT FROM ONE OR MORE OF THE FOLLOWING AREAS:** BEGINNING KINESIOLOGY JROTC (MUST TAKE 1A & 1B) MARCHING BAND VARSITY ATHLETICS	
HEALTH EDUCATION	**0.5**	**HEALTH EDUCATION**	**0.5**
CAREER PREPAREDNESS	**1**	**CAREER PREPAREDNESS**	**1**
ELECTIVE CREDITS FROM ONE OR MORE OF THE FOLLOWING AREAS:	**3**	**ELECTIVE CREDITS FROM ONE OR MORE OF THE FOLLOWING AREAS:**	**3**
CAREER AND TECHNICAL EDUCATION WORLD LANGUAGE FINE ARTS EDUCATION		CAREER AND TECHNICAL EDUCATION WORLD LANGUAGE FINE ARTS EDUCATION	
GENERAL ELECTIVES	**6.5**	**WORLD LANGUAGE (Parts 1 and 2)**	**2**
TOTAL CREDITS	**28**	**GENERAL ELECTIVES**	**6.5**
		TOTAL CREDITS	**30**

NOTE: STUDENTS MUST MAINTAIN A 3.5 (WEIGHTED) GPA TO EARN THE DIPLOMA WITH ADVANCED HONORS ENDORSEMENT.

MOBILE COUNTY PUBLIC SCHOOL SYSTEM GRADUATION REQUIREMENTS

In addition to completing the diploma requirements set by the Alabama State Department of Education, each high school senior is responsible for completing the following prior to graduation:

- **Have an ACT score on file**
  All students are required to take the Statewide ACT during their junior year of high school. If the student misses the testing and make up session, they can take the ACT when offered nationally.

- **Earn College and Career Readiness Indicator and/or Credential**
  Seniors can earn a CRI or Credential by accomplishing **one or more** of the following objectives:
  1. Earn a benchmark on at least ONE subtest on the **ACT**.

ENGLISH	READING	MATH	SCIENCE
18	22	22	23

  2. Earn a three (3) or higher on at least one Advanced Placement or International Baccalaureate Examination.
  3. Earn a college credit through a Dual Enrollment (Technical or Academic) course.
  4. Earn a Credential or Certification through taking a Career and Technical Education course and passing the certification examination.
  5. Enlist in the United States Military.
  6. Score a 4 or higher on each section of the **ACT Workkeys Test.**

- **Complete an electronic Career Portfolio through the KUDER Career Planning System**
  Each seniors' electronic portfolio must include the following:
  1. Summary of Career Exploration Assessments
  2. Professional Resume
  3. Professional Cover Letter

- **Successfully pass the State of Alabama's Civics Test**
  Seniors are required to take a Civics Test once they complete their required US Government course. Students must score a 60 or higher to pass the test. If a senior earns a failing score, an opportunity to re-test will be given.

EARNING CREDITS IN CORE COURSES PRIOR TO HIGH SCHOOL

Students who earn credit for HR Algebra I and/or HR Biology I during middle school will receive the credit. However, they must earn a minimum of four math credits and science credits, respectively, in grades 9-12 in the high school program. Students **MUST EARN AT LEAST ONE MATH CREDIT** each school year in high school.

ALABAMA CAREER PLANNING SYSTEM

CAREER PORTFOLIO

All MCPSS students will be required to complete a career portfolio during their junior year of high school. Based on knowledge gained while exploring career opportunities in KUDER, the minimum career portfolio requirements are as follows:

- Typed letter of introduction
- Typed resume/ career pursuit information
- Evidence of career exploration

Student-developed career portfolios highlight academic, community, and personal accomplishments. Career portfolios should support evidence of education, job skills, community services, references, work experience, and career goals. Career portfolios are valuable tools in students' pursuit of career/education opportunities. Development of the career portfolio encourages students to engage in self-reflection, career exploration, decision- making, goal setting, and planning. The career portfolio can serve as the foundation for college and career success for students.

FOUR-YEAR PLAN

An updated MCPSS Four–Year Education Plan of Study must be completed prior to transitioning to tenth grade and be classified as a high school sophomore. This is accomplished through ACPS (Alabama Career Planning System).

Students and parents need a clear understanding regarding student learning expectations and the courses necessary for students to graduate college and career ready. A plan of study that serves as a roadmap through high school must be in place by the end of ninth grade. This roadmap will help students to stay on track while completing graduation requirements and gaining the knowledge and skills necessary for postsecondary success. Completing an individualized Four-Year Education/Plan of Study, based on postsecondary/career interests and plans, will promote high school success and the development of college and career readiness skills.

PROCEDURE FOR CHANGE OF DIPLOMA PATHWAY

- Prior to registration for the 9th grade, a student and his/her parent/guardian must make the decision regarding pursuit of the high school diploma pathway.
- Options should be discussed with the student's grade level counselor.
- Written permission must be obtained from the parent should a student decide to change their chosen diploma pathway.
- The grade level counselor will file the letter in the student's cumulative folder as well as document the change on their transcript analysis card.

GRADUATING PRIOR TO COHORT YEAR

In the event that a student declares that they wish to graduate high school early (one year prior to cohort), they must follow these steps:

- Submit a written letter of request to the Principal and Senior Counselor by the end of sophomore year. The letter of request must be signed by the student and parent or guardian.

- Be eligible to take required 11th grade core courses during the first semester; followed by completing required 12th grade core courses during second semester. Student must have room in their schedule to take all remaining courses required for graduation within one school year.

- Participate in a required conference in which the Senior Counselor will thoroughly discuss early graduation and create an academic plan for a successful transition and completion of school. **The parent or guardian is required to attend the conference.**

- Should the student experience academic problems during the first semester, they will be placed back into their COHORT and a plan will be created for them to graduate with their original class.

MID-YEAR GRADUATION

Qualifying Seniors may decide to graduate high school at the end of first semester if the following criteria are met:

1. Upon completing a minimum of twenty-four credits by the end of the junior (3rd year) of high school, students must complete and submit a Mid-Year Graduation application. The application **MUST BE SIGNED BY THE STUDENT AND PARENT** and returned to the Senior Counselor by June 30th.

2. Students must be able to complete all graduation requirements and earn a minimum of twenty-eight credits by the end of the first semester of Senior Year.

3. Students must have earned at least one College and Career Readiness Indicator:
   - Earn a benchmark score on any section of the ACT test.
   - Earn a qualifying score on the AP or IB exam
   - Earn a college credit through an approved Dual Enrollment or Accelerated College Course.
   - Achieve Benchmark level on the ACT WorkKeys.
   - Earn an approved industry or Career and Technical Education credential.
   - Enlist into a branch of the United States Military.

4. Complete courses/pathway as required within a chosen Academy Program.

5. Complete an electronic Career Portfolio.

6. Take and pass the Civics Test.

WHEN APPLYING FOR MID-YEAR GRADUATION, STUDENTS AND PARENTS SHOULD KNOW:

- Applicants cannot be eligible for Valedictorian or Salutatorian.
- Applicants understand that competition for scholarships may be affected by exiting high school early.
- Applicants cannot participate in Spring semester sports, competitions, or performances.
- Applicants cannot re-enroll in school for the second semester.
- Applicants will have to complete and submit their Senior Clearance Form by the last day of the first semester.
- Applicants are responsible for monitoring all updates to the Senior Activities Calendar.
- Applicants are responsible for paying all senior fees prior to the last day of the first semester.
- Applicants are responsible for notifying the Senior Sponsor and Counselor, in writing, of their intention to participate in Commencement Exercises.
- Applicants will be considered a high school graduate once they have cleared, academically, after the last day of the first semester.
- Applicants not meeting academic clearance will be notified to return to school for the second semester.
- Applicants are allowed to participate in prom and senior activities with administrative approval.

RANKING OF SENIORS

Rank-in-Class is an indication of the student's academic standing in relation to that of the other students in the class. Grades in the identified course levels shall be weighted and grade point averages determined.

Schools will observe the following procedure for ranking students:

- Official **tentative** rank will be made at the end of the second semester of eleventh grade and final rank at the end of the first semester of the senior year; however, **no Top Ten, Valedictorian, nor Salutatorian results will be revealed until approval is granted by the Deputy Superintendent of Academic Affairs. Top Ten transcripts are reviewed and hand-calculated after 1st semester grades are posted. No Top Ten rank position is official until hand-calculations and/or appropriate grade changes have been completed.**

- Top Ten students will be advised of their ranking at the end of the first semester of grade 11.

- The Top Ten positions may be filled by more than ten students in the case of ties for any positions.

- Letter grades (A-E) for all subjects will be used in computing the grade-point average.

- All designated students within a grade level shall be included in determining class rank.

- All students competing for a Top Ten position must take a full schedule (maximum course load).

- High school level courses attempted prior to Grade 9 **WILL NOT BE USED** when calculating high school GPA or class rank. Only courses attempted in the high school program (Grades 9-12) will be used to calculate grade point average for class rank (Beginning with Freshmen 2016-2017 and thereafter).

High school level courses attempted prior to Grade 9 WILL NOT BE USED when calculating high school GPA or class rank.

COMPUTATION OF GRADE POINT AVERAGE (GPA)

Grade Point Averages are calculated based on the following factors:

- The grade earned for the course
- The quality points each grade is worth
- The number of credits earned for the course

When calculating grade point averages, the counselor uses the following formula:

NUMBER OF QUALITY POINTS/NUMBER OF CREDITS = GPA

SAMPLE GPA COMPUTATION FOR NON-WEIGHTED COURSES

COURSE	GRADE	CREDITS	QUALITY POINTS
Algebra I	B	1	3
English 9	A	1	4
Health Education	C	0.5	1
World History	C	1	2
TOTALS		**3.5**	**10**

10 (Total Quality Points) **/ 3.5** (Total Credits) = **2.85 GPA**

NOTE: Courses that are worth .5 credit only receive half of the value of the quality point (see above).

SAMPLE GPA COMPUTATION FOR WEIGHTED COURSES

COURSE	GRADE	CREDITS	QUALITY POINTS
HR Geometry	B	1	4
HR English 9	A	1	5
AP World History 9	A	1	5.5
HR Biology	C	1	3
TOTALS		**4**	**17.5**

17.5 (Total Quality Points) **/ 4** (Total Credits) = **4.37 GPA**

Only courses attempted in the high school program (Grades 9-12) will be used to calculate grade point average for class rank (Beginning with Freshmen 2016-2017 and thereafter).

ANNOUNCEMENT OF TOP TEN

To be considered for valedictorian or salutatorian, the student must receive the Diploma with Advanced Honors Endorsement. The student with the highest grade point average will be named Valedictorian of the graduating class. The student with the second highest grade point average will be named Salutatorian. In the case of a tie in either position, students will be declared Co-Valedictorians/Co-Salutatorians. **The grade point average will be carried to six decimal places with no rounding.** The following criteria will be used:

- Valedictorian and Salutatorian will be determined based on the rank listed at the end of the first semester.
- The Senior Counselor will hand calculate the grade point average of each Senior who is a candidate for Top Ten. The members of Top Ten will not be revealed until the hand calculations are verified and approved by the Principal, Guidance Supervisor, and designated officials of Academic Affairs.
- Out-of-system transfer students must be enrolled in the current school starting with the first term of the junior year and complete three consecutive terms in this system prior to ranking to be considered for Valedictorian, Salutatorian, or any Top Ten Honor.
- Students must physically attend classes at their home school for the duration of the junior and senior year to qualify for Top Ten. Early Exit graduates may qualify for a Top Ten position (excluding Valedictorian or Salutatorian).
- For three years following consolidation of two (2) or more schools, there may be co-valedictorian and co-salutatorian selected from each former attendance area.
- All students must take a full schedule (maximum course load).

Top Ten students will be comprised of those students receiving the Diploma with Advanced Honors Endorsement. In the event that a Senior Class may not have ten or more top ranking students who qualify for the Diploma with Honors Endorsement, the school will acknowledge the number of qualifying seniors as **Top Scholars of the Senior Class.**

COMMENCEMENT EXERCISES AND SENIOR ACTIVITIES

Only students who receive an approved diploma and special education students who are following program requirement as prescribed in their Individual Education Plan shall participate in graduation exercises and senior activities.

ATTIRE FOR COMMENCEMENT EXERCISES AND SENIOR ACTIVITIES

Each school's Principal and Senior Advisory Committee will determine the attire to be worn under the uniformed cap and gown for Commencement Exercises as well as the attire worn for Baccalaureate Services and other senior class activities. Students are required to follow the dress code set by the school. The Principal has the autonomy to decide when, where, and how Honor Cords can be worn during graduation activities.



Only students who receive an approved diploma and special education students who are following program requirement as prescribed in their Individual Education Plan shall participate in graduation exercises and senior activities.








WHS
2019

SCHEDULING

- BLOCK SCHEDULING
- SCHEDULE CHANGE PROCEDURES
- SCHEDULING REQUIREMENTS

MRS. HELEN C. MILES, Academic Coordinator
Teaching, Learning, and Assessment
hmiles@mcpss.com

BLOCK SCHEDULING

All MCPSS high school schedules are modeled according to a 4x4 block scheduling system. Students take four (4) courses each semester for 98 minutes each. With Central Office approval, the following variations of block scheduling may be offered to better accommodate students as well as offer more courses:

1. Alternating Day (A/B) Block Schedule
2. Split Block Schedule

SCHEDULE CHANGE PROCEDURES

Students will be allowed to request a schedule change *prior to the beginning of school opening*. Course change requests must be turned in to the grade level counselor before the end of the second full day of the school term. Courses may be dropped or added for legitimate reasons, but may not include the right to select teachers. The principal has final approval of any schedule changes.

Preliminary schedules will be provided to students prior to the opening of the school each semester. The principal shall provide the final schedule to all students before the second full day of each semester. Students should have complete schedules for both semesters.

SCHEDULING REQUIREMENT

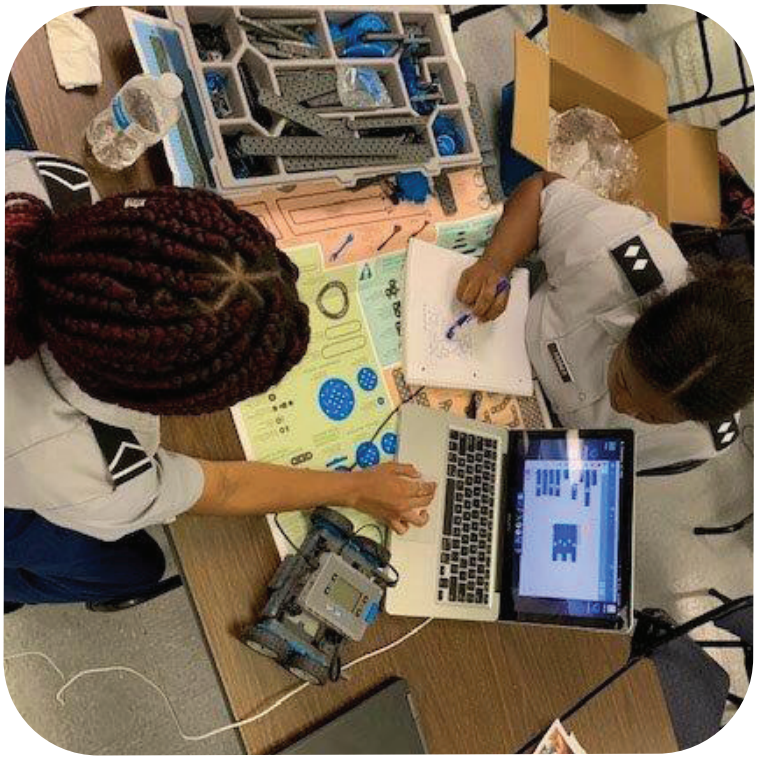
Pursuant to Section 16-13-231, Code of Alabama of 1975, the Flexible School Calendar Act of 2012 mandates that all schools must have at least 180 instructional days or the hourly equivalent of no less than 1,080 instructional hours per academic year.

SCHEDULING NON-TRADITIONAL STUDENTS

Once the non-traditional student has completed the enrollment and registration process, the grade-level counselor will create a schedule that consists of the following:

- **Attendance Block:** If the class that supports the extra-curricular activity/sport in which the NTS is participating is not offered during 1st block, an attendance block must be created (during first block). These students count for the schools ADM (Please use course **#802111ar – NTS Student Attendance**). If an attendance block is used, the NTS will not have to report to school at 1st block for attendance, the Coach/Elective Teacher will mark 1st block attendance when the student comes to class.

- **Two electives:** The NTS will be scheduled for one elective each semester; one being varsity Athletics (or a closely related Physical Education course) or the extracurricular activity the student wishes to participate in (Band, JROTC, Art, etc), and the other may be a general elective as deemed by the school.



Students will be allowed to request a schedule change prior to the beginning of school opening.


LABAM





GRADING and CREDITS

- MCPSS GRADING SCALE
- GRADE COMPUTATION
- PROGRESS REPORTS
- WEIGHTING OF GRADES
- EARNING CREDITS

MS. MICHELE MCCLUNG, Director
Teaching, Learning, and Assessment
mmclung@mcpss.com

GRADING

GRADING SCALE The following grade scale is utilized in all public high schools in Mobile County:

MCPSS Grading Scale

Numerical Grade	Letter Grade
100 - 90	A
89 - 80	B
79 - 70	C
69 - 60	D
59 - 0	E

Grading Scale Computation for Out of District Students with Letter Grades, Only

Letter Grade	Numerical Value	Letter Grade	Numerical Value
A+	98	C+	78
A	95	C	75
A-	92	C-	72
B+	88	D+	68
B	85	D	65
B-	82	D-	62
		E	59

Credit **CANNOT** be awarded to courses that receive a failing grade out of district; even if the grade may be considered as passing within MCPSS. The grade and credit must be posted on the transcript as received from the transferring school.

GRADE COMPUTATION FOR NINE-WEEK COURSES

All students must take a final examination at the end of the nine-week course unless they meet the exemption requirements. The final exam will count one-tenth of the final grade as follows:

[(9 x Class Avg.) + Final Exam]/ 10 = Final Grade

GRADE COMPUTATION FOR EIGHTEEN-WEEK COURSES

All students (no exemptions) will take a mid-term exam which is at the end of the first nine weeks of a term. The mid-term examinations will cover objectives taught the first nine weeks of the term. The final examinations will cover objectives taught the second nine weeks of the term. Compute the grades as follows:

1. First Nine-Week Grade

   [(9X Class Avg.) + EQT/Mid-term Exam)] divided by 10 = First Nine-Week Grade

2. Second Nine-Week Grade
   [(9 x Class Avg.) + EQT/Final Exam] divided by 10 = Second Nine-Week Grade

3. Final Course Grade
   (First Nine-Week Grade + Second Nine-Week Grade) divided by 2 = Final Grade

PROGRESS REPORTS

Progress reports should be sent home four and half weeks after the beginning of each quarter. All parents can benefit from reports of student progress. **All students making a D or an E at 4½ weeks into the quarter and/or are in jeopardy of failing for the quarter MUST receive a report.** Copies should be maintained and teachers should have each student sign a duplicate copy or a signature log to show proof of distribution. Additional reports to parents may be designed and approved by the local school. Communication is essential to the educational process and is encouraged whether through letters, reports, conferences, or phone calls.

WEIGHTING OF GRADES

Weights are extra point values added to courses that have high achievement levels. The courses are listed as Honors, College Prep (CP), Pre-AP, Pre-IB, Advanced Placement (AP), AP Capstone, Cambridge, Dual Enrollment (DE), and International Baccalaureate (IB).

The Mobile County Public School System utilizes the following scale for applying weight to academically advanced level courses:

AP Capstone, Cambridge and International Baccalaureate		Advanced Placement, Cambridge, International Baccalaureate and Dual Enrollment		Honors, Pre-AP, Pre-IB, College Prep, Cambridge, IB and AP Capstone Support Courses		Regular Courses	
A	6 Points	A	5.5 Points	A	5 Points	A	4 Points
B	5 Points	B	4.5 Points	B	4 Points	B	3 Points
C	4 Points	C	3.5 Points	C	3 Points	C	2 Points
D	3 Points	D	2.5 Points	D	2 Points	D	1 Points
E	0 Points	E	0 Points	E	0 Points	E	0 Points

Dual Enrollment courses only earn Advanced Placement (AP) grade points when taken during the regular school day within the academic school year; including UA Early College courses that are approved through the school system's articulation agreement. Enrollment in these courses must be approved by the school's Principal and Counselor prior to registering for the course. If permission is not obtained prior to taking the course, credit will not be placed on the high school transcript. Any other Dual Enrollment course taken during the summer, at night, or outside of the regular school day will earn regular GPA weight.

GRADING CORRECTIONS

GUIDELINES

Each school principal is responsible for the management and the integrity of the school grading and transcript process. It is the principal's duty to limit access to making grade corrections to one designated Counselor and the school's registrar. The names of the persons designated to make grade corrections must be submitted to the Academic Coordinator of Teaching, Learning, and Assessment.

Grade corrections may occur for the following reasons:

- Teacher error
- Incomplete projects/assignments
- Failure to take semester exam/EQT

The grade correction procedure must be completed by the teacher and signed by the principal no later than three weeks from the last day of the grading period. Only teachers may complete and submit to the registrar, or designated counselor, the grade correction. The principal has discretion to extend the three-week time-frame under extenuating circumstances.

Any grade correction requires the completion of the MCPSS Grade Correction Form. **Any unsigned form will not be processed. The grade correction must be returned to the registrar.**

NOTE: Grade recovery and grade correction are two different procedures in MCPSS.

PROCEDURES FOR GRADE CORRECTION

- The registrar/designated counselor verifies the Grade Correction is completed and signed.
- The registrar/designated counselor completes the grade correction in iNOW..
- The registrar/designated counselor makes a copy of the Grade Correction and places it in the student's cumulative folder with the updated transcript attached.
- The registrar/designated counselor places the original grade correction form with the teacher's grade verification roster to be filed with the grade book at the end of the school year.
- The registrar/designated counselor will give a copy of the updated transcript to the grade level counselor.
- The registrar/designated counselor will maintain a notebook of all grade corrections with accompanying documentation made during the quarter.

The grade correction procedure must be completed by the teacher and signed by the principal no later than three weeks from the last day of the grading period.

CREDIT AWARDED PRIOR TO NINTH GRADE

Students may earn high school credit for the following courses taken prior to Grade 9: Algebra 1 HR, World Language and Business Technology Application (BTA) (BTA only accepted from transfer students from out of district); and in schools where offered, Biology 1 HR. The guidelines for earning credit for courses taken prior to high school are as follows:

- The course must be taken in the eighth grade.
- The course must follow the course of study guidelines, be of high school content and rigor, and be taught by secondary certified/highly qualified teacher.
- The course cannot supersede required courses (i.e. eighth grade English cannot be substituted for high school English; eighth grade Physical Education cannot be substituted for the required unit of high school Physical Education, etc.).
- Middle school students earning high school credits from non-accredited settings shall follow the same guidelines as high school students attempting to transfer courses. Validation is required.
- Transfer students who earned credits in 8th grade from an accredited school will be considered on a case by case basis.
- Credits earned in 8th grade **WILL NOT BE CALCULATED IN HIGH SCHOOL GPA/RANKING.**

Credits earned in 8th grade will not be calculated in high school GPA/ranking.

- **Middle school students awarded high school credit for Algebra 1 HR and/or Biology 1 HR are still required to earn a minimum of four math credits and science credits, respectively, in grades 9 – 12 in the high school program. Students must earn at least one math credit each school year in high school. Students who earn a credit in part one of a World Language must take part two in high school in order to meet the requirements for a Diploma with Advanced Honors.**

TIME ALLOTMENT AND CREDIT REQUIREMENT

The basic requirement for a Carnegie unit of credit is 140 clock hours of instruction for a course earning one credit. One-half credit may be granted for an elective course of a minimum for 70 clock hours. A student may earn more than ten credits in a calendar year which includes the regular academic year plus the following summer (August – July). This includes credits earned in the regular school program, dual enrollment program, summer school program, night school program, distance learning program, or credit recovery program. **All school system procedures for each program must be strictly followed with needed approval, from the Academic Coordinator in Teaching, Learning, and Assessment, prior to beginning any of these programs.** Careful scheduling and consideration must be followed when approving additional credits. Credits earned within a semester must be reasonable.

CREDIT RESTRICTIONS

PREREQUISITES

Any course offered for registration purposes that lists prerequisites must be followed as stated. (English 10 cannot be taken until the student passes English 9, US History from the Industrial Revolution to Present cannot be taken until the student passes US History to the Industrial Revolution.)

A student cannot earn credit toward graduation for a course that duplicates the course content for which credit has already been awarded.

DUPLICATE CREDIT

In accordance with Alabama Administrative code Rule 290-3-1-.02(8)(d)1., a student cannot earn credit toward graduation for a course that duplicates the course content for which credit has already been awarded.

SUBSUMED CREDIT

In accordance with Alabama Administrative Code Rule 290-3-1-.02(8) (d) 2., a student cannot earn credit toward graduation for a course whose content is subsumed (included) by a course for which credit has already been awarded. (i.e. credit for physical science cannot be awarded after credit has been awarded for chemistry, etc.) Therefore, if a student does take a subsumed course, credit will not be awarded.

CREDIT ADVANCEMENT

What is credit advancement?
Credit advancement allows students who exhibit mastery of standards taught in a particular course to prove mastery of course content by successfully completing a pretest and posttest in that subject.

In which classes can students attempt credit advancement?
Students can attempt credit advancement in most regular core courses (math, science, English, and social studies).

What tests are used for credit advancement?
Connexus Assessments

What is the process for attempting credit advancement?
The process for attempting credit advancement includes the following:

- Students should complete the Credit Advancement Request Form found on the MCPSS website. Parents/ Guardians, grade-level Counselor, and Principal must sign this form.

- Students should return the completed form to the grade level Counselor who will forward it to the Division of Teaching, Learning, and Assessment. The student will be contacted to schedule an appointment to take the pretest credit advancement exam. Students should allow approximately 1.5 hours to take this pretest exam. All credit advancement exams will be administered at central office in the Teaching, Learning, and Assessment

division and will be proctored by designated staff or a TLA supervisor. There is no fee to take a credit advancement exam.

- Students attempting credit advancement will take a pretest for the course. If the student earns at least an 80 on the pretest, then he/she will take a comprehensive posttest. If the student makes at least an 80 on the posttest, then he or she will receive credit for the course. If the student earns below an 80 on the pretest, then he or she is not eligible to take the posttest or to receive credit for the course.

- Results for tests taken through Connexus will be available immediately. Once the student has passed the pretest, he or she will need to schedule an appointment to take the posttest. This appointment must be scheduled before leaving the testing area. The student should allow approximately 1.5 hours to take a posttest. The posttest must be taken within **one week** of the results of the pretest being released to the student. Students are permitted to take the posttest on the same day as the pretest if an appointment to do so is available.

- Students who do not earn at least a minimum score of 80 on the pretest and the posttest will not earn credit through credit advancement, and no grade or credit will be posted to the transcript.

How will students' grades for credit advancement courses be calculated?
The grade earned on the pretest and the posttest will be averaged. The numeric average will serve as the final grade and will be posted directly to the transcript in a separate column indicating that the credit was earned through credit advancement. **Credit advancement courses are not weighted.** The credit will be posted under Term 2 (1st semester) or Term 5 (Summer).

How many credits can students earn through credit advancement?
There is no limit on the number of credits that a student can earn through credit advancement.

Who is eligible to attempt credit advancement?
All rising ninth grade through twelfth grade Mobile County Public School students are eligible to attempt credit advancement. Before the request for credit advancement testing is granted, approval must be given by the Teaching, Learning, and Assessment Supervisor which will be based on the student's overall academic record.

How many times can students attempt credit advancement in each course?
Students will be permitted to attempt credit advancement one time per course, per academic year.

When can students take credit advancement exams?
Credit advancement exams must be taken during the months of June and December for currently enrolled MCPSS students and transfer students.

How can students prepare for credit advancement exams?
All credit advancement exams are based on the Alabama courses of study, which are located at www.alsde.edu on the tab below the box labeled College and Career Ready Standards. Students may prepare for credit advancement exams by reviewing the standards in the related course of study.

Credit advancement courses are not weighted.

Credit Advancement courses are not approved by NCAA.

Are credit advancement classes approved by the National Collegiate Athletic Association (NCAA), the Alabama High School Athletic Association and other organizations?
Admission and eligibility requirements of various organizations are subject to change, and it is the student's responsibility to consult with outside organizations such as universities, the Alabama High School Athletic Association, the National Collegiate Athletic Association (NCAA), etc. to determine how credits earned through credit advancement might affect eligibility, admissions, or status. **Credit Advancement courses are not approved by NCAA.**

CREDIT ADVANCEMENT COURSES

All courses are full credit unless otherwise specified. Credit advancement courses are not weighted. These courses do not satisfy NCAA requirements, when completed through credit advancement.

LANGUAGE ARTS	HISTORY	MATHEMATICS	SCIENCE	WORLD LANGUAGE
English 9	World History 9	Algebra I	Biology	French I
English 10	US History 10	Geometry	Physical Science	French II
	US History 11		Earth Science	German I
	US Government		Environmental Science	German II
	Economics			Spanish I
				Spanish II

CREDIT RECOVERY

Credit Recovery is a course-specific, skill-based extended learning opportunity for students who have been unsuccessful in mastering content or skills required to receive course credit or earn promotion. Credit Recovery courses are based on deficiencies rather than a repeat of the entire course or courses failed. Students enrolled at local high schools will attend classes where the Connexus software program is utilized for Credit Recovery. **High school administrators, counselors, and teachers should be aware that the NCAA does not recognize Credit Recovery for course credit, and athletes should not be allowed to participate in the MCPSS Credit Recovery Program.**

1. **Student Eligibility Admission and Removal**
   a. Student must be recommended by principal/counselor.
   b. The principal or counselor must complete the Credit Recovery Enrollment Form and submit it to the Credit Recovery/Connexus Manager so the student can be enrolled in the recommended course.
   c. Student must be working toward the Standard Diploma Option. Honors and/or other advanced level courses are not offered in Credit Recovery.

NCAA does not recognize Credit Recovery for course credit.

d. **Student is eligible for credit recovery if the final grade in the course required for graduation is between 45% - 59%.**
e. If the final grade earned in a course required for graduation is between 0% - 44%, the student must retake the course in the regular program or may recover the credit during the summer.
f. Students may be removed from the Credit Recovery Program at the discretion of the administrator supervising the program for circumstances involving serious or repeated unacceptable behavior, failure to adhere to program attendance requirements, or failure to make adequate progress towards meeting remediation requirements.
g. Credit Recovery Program offerings may be limited by the availability of space, teachers, or appropriate computer-based content for specific courses. There is no guarantee that all courses required for graduation may be served by the Credit Recovery Program.

If the final grade earned in a course required for graduation is between 0% - 44%, the student must retake the course in the regular program or may recover the credit during the summer.

2. Grades

a. A minimum grade of 80% on the Pre-Test assessment and 70% on the Post and Review Test assessments of skill specific goals is required for credit recovery.
b. Students can ONLY earn a grade of 70% for course work completed in Prescriptive Credit Recovery courses.
c. The original course grade will remain "as is" on students' transcript and will be included in computing the student's overall grade point average (GPA).

3. Credits

a. Credit Recovery courses in which students are enrolled will be included in calculating the total credits and GPA for the school year.
b. **High school administrators, counselors, and teachers should be aware that the NCAA does not recognize Credit Recovery for course credit, and athletes should not be allowed to earn any credits through the MCPSS Credit Recovery Program.**
c. Courses in the Connexus software program may not be assigned to a student for initial credit without prior permission from the Academic Coordinator of Teaching, Learning, and Assessment.



INITIAL CREDIT

Initial Credit is a course-specific, learning opportunity for students who are in need of a credit in order to meet graduation requirements, be placed in proper cohort, or **meet NCAA Eligibility.** Students enrolled at local high schools will attend classes where the Connexus software program is utilized for Initial Credit. Students will take the Sequential course option which **does not offer the opportunity to take and pass a Pre-Test in order to move past mastered units.** Students are required to take and complete the course in its entirety. **Any athlete taking a summer school or additional course must be enrolled in Initial Credit (Sequential Option) in order to meet NCAA Eligibility requirement.**

Any athlete taking a summer school or additional course must be enrolled in Initial Credit (Sequential Option) in order to meet NCAA Eligibility requirement.

1. Student Eligibility, Admission and Removal

a. The student must be referred by the principal or counselor.
b. The principal or counselor submit the referral to the TLA Academic Coordinator for approval.
c. After approval is granted, the principal or counselor will forward the referral to the Credit Recovery/Connexus Manager so that the student can be enrolled in the recommended course.
d. If a core course is needed, the student must be working towards earning a Standard Diploma as Honors and/or other advanced level courses are not offered in Connexus.
e. Students can be removed from the Initial Credit Program at the discretion of the administrator supervising the program for circumstances involving serious or repeated unacceptable behavior, failure to adhere to program attendance requirements, or failure to make adequate progress towards meeting remediation requirements.
f. Initial Credit offerings may be limited by the availability of space, teachers, or appropriate computer-based content for specific courses. There is no guarantee that all courses required for graduation may be served by the Credit Recovery Program.
g. Applications for seniors being recommended for Initial Credit should be submitted to the TLA Academic Coordinator for approval no later than January 31st.

2. Grades

a. A minimum grade of 70% on the Post and Review Test Assessments of skill specific goals is required for Initial Credit
b. The final grade earned in the course will be posted to the student's transcript.

MCPSS Approved Credit Recovery/Initial Credit Courses

LANGUAGE ARTS	HISTORY	MATHEMATICS	SCIENCE	ELECTIVES
English 9	World History 9	Algebra I	Biology	Contemporary Issues
English 10	US History 10	Geometry	Physical Science	Health Education
English 11	US History 11	Algebraic Connections	Earth Science	Physical Education
English 12	US Government	Algebra II	Environmental Science	Mythology
	Economics			Parenting
				Personal Finance
				Psychology
				Sociology

NOTE: Honors, AP, Cambridge, IB courses CANNOT be taken in Credit Recovery

Please see the Course Options and Descriptions section for a listing of course numbers to be used when scheduling students for Credit Recovery and/or Initial Credit.

ONLINE COURSES

- Written approval must be given by both the principal and superintendent or designee before the on-line course is begun (including UA Early College, et al).
- On-line courses qualifying for credit in required courses must contain all required content identified in Alabama Course of Study.
- On-line courses taken from any program/institution other than ACCESS Distance Learning must be validated. MCPSS validation procedures must be followed.

CREDITS ATTEMPTED AWAY FROM SCHOOL CAMPUS

All courses for high school credit taken away from school campus on another/alternate school organizational site must receive prior approval by the high school Principal and Teaching, Learning, and Assessment Academic Coordinator (as superintendent designee).

The student must requisition approval by submitting a written request along with the supporting information/documentation regarding course and/or program to the principal.

All courses for high school credit taken away from school campus on another/alternate school organizational site must receive prior approval by the high school Principal and Teaching, Learning and Assessment Academic Coordinator

SUMMER SCHOOL

Summer school instruction may be offered for initial credit in Drivers Education (without prior permission) or for students who have failed. Those students who wish to take initial credit in any other core subject must obtain permission from the Teaching, Learning, and Assessment Academic Coordinator. Students who participate in the MCPSS Summer School program must adhere to the MCPSS Code of Conduct and the summer school guidelines.

MCPSS currently utilizes Connexus online program during the high school summer school program. Courses taken using this type program may negatively affect NCAA eligibility requirements.






Honor Roll


Have
day ?
9:50-11:10
Regular Schedule

Academic Lettering and Honor Society Memberships

- NATIONAL HONOR SOCIETY
- NATIONAL TECHNICAL HONOR SOCIETY
- ACADEMIC LETTERING
- HONOR ROLL PROCEDURES

MRS. HELEN C. MILES, Academic Coordinator
Teaching, Learning, and Assessment
hmiles@mcpss.com

NATIONAL HONOR SOCIETY

The National Honor Society (NHS), established in 1921, is a recognition program for American high school students who show achievement in scholarship, leadership, service, and character.

Students are selected for membership through an established school chapter in secondary public and accredited private schools by a five-member Faculty Council. Candidates must meet the chapter's requirement for scholarship, service, leadership, and character in order to be selected for membership.

Continued participation in service projects is required to retain membership. Members must also maintain the chapter's required cumulative GPA.

Listed below are the MCPSS guidelines for National Honor Society High School Chapters.

NATIONAL HONOR SOCIETY – MCPSS GUIDELINES

1. **Grade Levels**
   - 2nd Semester Sophomore (optional)
   - Junior
   - Senior

2. **Grade Point Average**
   - Overall unweighted 3.5 in regular or honors courses

3. **Character**
   - No Class B, C, D, or E Discipline Offenses
   - Four teacher recommendations from previous semester teachers
   - No more than three Class A Discipline Offenses during high school tenure

4. **Service**
   - Verification of specific form (submit service verification form)
   - Three positive service contacts

5. **Induction**
   - Schools set their own Induction Date

6. **Completed Student Activity Information Form**



NATIONAL TECHNICAL HONOR SOCIETY

For over 30 years, the National Technical Honor Society has been the acknowledged leader in recognizing outstanding student achievement in Career and Technical Education. Membership in the National Technical Honor Society affords students scholarship opportunities that encourage the pursuit of higher education, and cultivates excellence in today's highly competitive, skilled workforce.

Students are selected for membership through an established school chapter within the MCPSS high schools. Candidates must meet the chapter's requirement for scholarship, character, and enrollment or successful completion of a Career and Technical Education Program.

NATIONAL TECHNICAL HONOR SOCIETY – MCPSS GUIDELINES

1. **Student Eligibility Criteria**
   - Must have completed or be currently enrolled in the 3rd sequential CTE course
   - Must have two courses in the same career cluster (to demonstrate advancement of skills in a concentrated area)
   - Must be a current/active member of a Career and Technical Education Student Organization

2. **Grade Point Average**
   - 3.0 GPA overall; 3.5 GPA in Career and Technical Education Courses

3. **Character**
   - Must be of good character and demonstrate leadership skills

4. **Induction**
   - Each school's chapter sets its own induction date

ACADEMIC LETTERING

Academic Lettering is the process by which high school students are rewarded for maintaining excellence in academics, discipline, and attendance. Although Academic Lettering is not a required activity, several MCPSS high schools hold a yearly awards ceremony. Each school sets its requirements for students being eligible for academic lettering.




NHS
NHS
NHS


National
Honor Society
Certificate of Membership
Derrick Nobles
Baker High School
National
Honor Society
Certificate of Membership
Autumn Leslie
Baker High School
Baker High School
April 12, 2019

Advanced Academic and Special Programs

- DUAL ENROLLMENT
- START SOUTH
- UA EARLY COLLEGE
- ACCELERATED COLLEGE ENROLLMENT PROGRAM
- ACCESS DISTANCE LEARNING
- MCPSS ACADEMY OF VIRTUAL LEARNING
- EVENING EDUCATIONAL OPTIONS PROGRAM

DUAL ENROLLMENT PROGRAMS

ACADEMIC DUAL ENROLLMENT

Through a cooperative arrangement between the Alabama Department of Post-Secondary Education and the Alabama State Board of Education, Bishop State Community College offers dual enrollment classes that enables qualified high school students to earn college credit. While accelerated enrollment is already available off campus, the on-campus program is on the high school campus, and students receive both high school and college credit. MCPSS teachers who meet the standards and qualifications required by Bishop State Community College teach the courses. Students who pass the course receive a grade from the high school and from Bishop State. Students may transfer these credits to universities/colleges upon graduation from high school. However, the receiving university/college will determine acceptance of all credits.

Pre-requisites for Dual Enrollment courses must be completed prior to enrollment in any of the courses offered. Students who are enrolling in a DE Mathematics course must have a minimum of 20 on the Mathematics subtest of the ACT or make a comparable score on the ACCUPLACER. Students who are enrolling in a DE English course must have a minimum of 18 on the English subtest of the ACT or make a comparable score on the ACCUPLACER.

The following courses are approved for Academic Dual Enrollment:

- English Composition I
- English Composition II
- Principles of Biology I
- Human Anatomy and Physiology
- U.S. History I
- U.S. History II
- Pre-Calculus Algebra
- Pre-Calculus Trigonometry
- Calculus
- Sociology
- Psychology
- Music Appreciation



Students may transfer these credits to universities/colleges upon graduation from high school.

However, the receiving university or college will determine acceptance of all credits.

TECHNICAL DUAL ENROLLMENT

The Mobile County Public School System, Bishop State Community College, and Coastal Alabama Community College have an agreement that allows students to receive advanced training in technical fields including Welding, Process and Instrumentation Technology, Electronics, Automotive Technology, Heating, Ventilation, and Air Conditioning Repair, and Aviation Technology, among other choices. The participating students may receive both high school and post-secondary credit for the courses in these programs.

This program will provide MCPSS students with quality career pathways that can lead to an advanced education, certification, and employment opportunities. A Dual Enrollment Contract is signed by the student, counselor, and principal prior to beginning any DE course in order for student to receive the DE credit on their high school transcript. Other Career and Technical Education Dual Enrollment courses may be added by submitting a request to the CTE Dual Enrollment Coordinator. Students will receive elective credits for these courses. Pre-requisites for Dual Enrollment courses must be completed prior to enrollment.

The following courses are approved for **Technical Dual Enrollment**:

- Computer-Aided Drafting
- Graphic Arts and Design
- Construction and Manufacturing
- Hospitality and Tourism
- Aircraft Repair
- Welding
- Heating, Air Conditioning, and Ventilation Repair
- Computer Engineering Technology
- Computer Information Systems
- Electrical Technology
- Automotive Technology

START SOUTH

The START SOUTH Dual Enrollment program is offered to sophomores, juniors, and seniors who have a 3.0 unweighted GPA or higher.

The University of South Alabama has collaborated with the Mobile County Public School System to launch its new Dual Enrollment program that provides students the opportunity to take multiple college level courses while developing a pathway to automatic enrollment in the university.
The Start South Dual Enrollment program is offered to sophomores, juniors, and seniors who have a 3.0 unweighted GPA or higher. Students who enroll in the Start South Dual Enrollment Program earn high school and college credit for approved courses taken, will receive instruction from the University of South Alabama faculty members, and will have full online delivery options for courses taken.

The Start South Dual Enrollment Program is only offered at selected schools. Students must be enrolled and attending a Start South designated school to apply.

The following courses are approved for Start South Dual Enrollment:

- English Composition I and II
- English Literature before 1865
- Finite Mathematics
- Pre-Calculus
- Calculus I
- Biology I and II
- General Chemistry I and II
- Atmospheric Processes and Lab
- Introduction to Human Geography
- Introduction to US Government
- Introduction to Spanish I and II
- Introduction to Communication
- Introduction to Psychology
- Introduction to Sociology
- Introduction to Ethics
- Landscape Processes
- World Regional Geography

ADVANCED ACADEMIC PROGRAMS

University of Alabama Early College

The University of Alabama has implemented a program that allows high school students to start their college career early. Through the University of Alabama Early College program, students can take college courses online or on campus (summer semester) while still in high school, earning up to 30 credit hours. Interested students must complete the on-line application process before being eligible to enroll in courses. Students can take any UAEC course they choose; however, only courses listed in the MCPSS/UAEC Articulation agreement will be placed on the high school transcript.

Accelerated College Enrollment Program

The University of South Alabama's Accelerated College Enrollment Program (ACEP) allows qualified Mobile County seniors the opportunity to enroll in one free course during the Fall semester of their senior year. Tuition is waived for one class, **students are responsible for purchasing books and supplies. ACEP courses CANNOT replace a required course or be placed on the high school transcript.** Interested students must complete the University of South Alabama's undergraduate application (the application fee will be waived for ACEP applicants, ONLY) and submit the Counselor Recommendation form along with an official transcript and ACT/SAT scores.

ACEP courses CANNOT replace a required course or be placed on the high school transcript.



ACCESS Distance Learning

ACCESS Virtual Learning (Alabama Connecting Classrooms, Educators, and Students Statewide) is an education initiative of the State of Alabama Department of Education. It provides opportunities and options for Alabama public high school students to engage in Advanced Placement (AP), elective, and other courses to which they may not otherwise have access or be able to schedule. Additional information may be found at http://accessdl.state.al.us.

To enroll in an ACCESS Distance Learning course, students must be enrolled in grades 9-12 in an Alabama public high school. The State Department of Education reserves the right to deny enrollment to student who have been expelled from previous courses due to misconduct or failure to abide by academic integrity or Internet acceptable use policies. Credit restrictions are as follows:

- On-line courses must warrant 140 clock hours of instruction if one credit is to be earned and 70 clock hours if one-half credit is to be earned.
- All online and interactive videoconferencing courses are to be included in calculating total credits earned during the academic year, including summer school (August – July).
- On-line courses qualifying for credit in required courses must contain all required content identified in Alabama course of study.`
- **ACCESS courses are NCAA approved; however, they must be one of the Fifty-two (52) courses approved for Alabama students. Credit Recovery and/or Credit Advancement courses available through ACCESS Distance Learning are NOT accepted by the NCAA for eligibility. A listing of these courses can be found in the Athletics section of the Educational Planning Guide.**

  Detailed information can be found at www.accessdl.state.al.us.



ACCESS courses are NCAA approved; however, they must be one of the Fifty-two (52) courses approved for Alabama students.

ACCESS DISTANCE LEARNING COURSE LISTING

CORE CLASSES

ENGLISH	HISTORY	MATH	SCIENCE
English 9	World History	Algebra I	Biology
English 10	US History I (10)	Algebra II	AP Biology
English 11	US History II (11)	Algebra II w/ Trigonometry	Chemistry
English 12	United States Government	Algebra w/Finance	Environmental Science
AP English Language and Composition	Economics	Algebraic Connections	Forensic Science & Criminal Investigation
AP English Literature and Composition	AP United States History	AP Calculus-AB	Human Anatomy and Physiology
	AP United States Government and Politics	AP Statistics	Marine Science
	AP Macro-economics	Geometry	Physical Science
		Pre-Calculus	Physics

ELECTIVES

FOREIGN LANGUAGE	ELECTIVES	ELECTIVES CONT.	ARTS EDUCATION
French I	Accounting	LIFE: Physical Education	Dance, Elements of Arts Literacy
French II	AP Art History	Nutrition and Wellness	Introduction to Theatre I
French III	AP Computer Science A	Personal Finance	Music, Elements of Arts Literacy
German I	AP Psychology	Psychology	Theater, Elements of Arts Literacy
German II	Business Technology Applications	Sociology	Visual Arts, Elements of Arts Literacy
German III	Career Preparedness	Web Design I	
Latin I	Career Preparedness-A	Web Design II	
Latin II	Career Preparedness-B	Workforce Essentials	
Latin III	Computer Programming I		
Mandarin Chinese I	Content Textual Reading		
Mandarin Chinese II	Creative Writing		
Spanish I	Forestry		
Spanish II	Global Studies (Contemporary Issues)		
Spanish III	Health Education		
Spanish IV	Journalism		

SPECIAL PROGRAMS

MCPSS Academy of Virtual Learning

As an innovative, ***highly accountable learning environment without walls***, MCPSS Academy of Virtual Learning (MAVL) offers a unique and flexible learning opportunity with extensive support from teachers, individualized instruction, and a full range of courses.

Unlike in a traditional school setting, MAVL students work in their courses at the time of day that is more suitable for their schedule. Face-to-face meetings occur on campus for tutoring, academic counseling, and testing. During the Curriculum Lab visits, students are able to form study groups and friendships while enhancing 21st century skills. MCPSS Academy of Virtual Learning offers not only core courses but also many career and technical education courses, honors and AP courses, foreign languages, and other academic electives which will enable students to have a well-rounded educational experience.

Requirements for enrollment include, but are not limited to:

- being a rising 8th - 12th grader
- being enrolled in a public, private, or home school.
- being a resident within one of the MCPSS school zones.
- being at or above grade level in reading and math.
- having acceptable attendance.
- having minimal discipline issues (no C-E offenses).
- having a minimum 2.0 GPA for 10th -12th graders.
- having passed all academic courses for the upcoming 8th and 9th graders.
- having a laptop or desktop computer and access to consistent internet.
- having reliable transportation to attend lab days.

** A review committee will evaluate all received applications with the final decision resting among the administration.*

Student Expectations

Students are expected to work on a paced schedule, with individual and collaborative assignments due weekly. However, students have the flexibility to work at a time and place that suits their individual needs. For students to be successful in the program, students will need to complete the prescribed amount of assignments each week.

For application and enrollment information, please contact Dr. Melody Tucker, Administrator mtucker@mcpss.com.

Evening Educational Options Programs

The Evening Educational Options Program (EEOP) was established through a partnership with the Mobile County Public School System and the Mobile Area Education Foundation in the Fall of 2009.

The primary goal of EEOP is graduating students who need alternatives from the traditional high school setting. The program utilizes a combination of Connexus and direct teaching to provide students with course instruction.

Highlights of EEOP

- EEOP is housed at Denton Middle School
- Students attend school Monday through Thursday from 4:00 P.M. to 8:30 P.M.
- Students must provide their own transportation
- Students are allowed to attend prom as well as participate in senior activities and commencement with their home school **(unless home school administrator has valid reason for denying participation)**
- Students obtain credits through completion of courses by computer-directed instruction
- MCPSS teachers are available to assist students in each subject area

Requirements for Admission

- Student must complete application and have it signed by a parent
- Student must receive counselor's or administrator's signature on application
- Student must have **at least 14 credits**
- Student must have an unofficial copy of their transcript attached to the application
- Student and Parent MUST complete the EEOP Orientation Meeting

Requirements for Enrollment

- Student must submit an EEOP withdrawal form to the registrar
- Student must clear all non-credits before withdrawing
- Student must pay all overdue fines and past due course fees before withdrawing
- Student must return all textbooks, athletic, band, JROTC uniforms, and/or any other property of the school before withdrawing
- Student is responsible for making sure that grades obtained through Credit Recovery, Twilight School, or Summer School are posted on transcript before withdrawing
- Student must return the EEOP Withdrawal Form, containing the registrar's signature, in order to be enrolled

For application and enrollment information, please contact Mrs. Djuna H. Moore, Administrator dmoore1@mcpss.com.



ATHLETICS

- ATHLETIC ELIGIBILITY REQUIREMENTS
- NON-TRADITIONAL ATHLETES

MR. R. BRAD LOWELL, Supervisor
Teaching, Learning, and Assessment
rlowell@mcpss.com

ACADEMICS FIRST AND ATHLETIC ELIGIBILITY

ELIGIBILITY FOR HIGH SCHOOL ATHLETES

1. Students entering the 10th, 11th, and 12th grades must have passed during the last two semesters in attendance and summer school, if applicable, at least six new Carnegie units with a minimum composite numerical average of 70 in those six units.

    a. Four core curriculum courses must be included in those units passed and averaged. (English, mathematics, science and social studies are core curriculum courses. Any combination of these courses is acceptable.) Student must be on track to graduate.

    b. Any student who accumulates more than four units of core courses per year may earn less than the required four core courses during the next school year and be eligible as long as the student remains on track for graduation with his/her class.

2. Students entering the 8th and 9th grades must have passed during the last two semesters in attendance and summer school, if applicable, at least five new subjects with a minimum composite numerical average of 70 in those five subjects and must have been promoted to the next grade.

Note: A new unit is one that has not been previously passed. A semester is half of a school year as defined by the local school system.

- Home School students should consult the NCAA website at www.ncaa.org for information and requirements for Division I and Division II.
- Students entering the 7th grade for the first time are eligible.

Please refer to the Student/Parent Resource Guide at www.ahsaa.com to obtain detailed information from the Alabama High School Athletic Association.

ELIGIBILITY FOR THE COLLEGE BOUND ATHLETE

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION ELIGIBILITY CENTER

Students desiring to play sports at an NCAA Division I or II school must start by registering for a Certification Account with the NCAA Eligibility Center. Students desiring to play Division III sports must start by creating a Profile Page. Certification Accounts and Profile pages can be created on www.eligibilitycenter.org.

- **ACADEMIC REQUIREMENTS**: To play sports at a Division I or II school, the student must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA as well as earn an ACT or SAT score that matches your core-course GPA.

- **CORE COURSES**: Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit www.eligibilitycenter.org/courselist for a full list of your high school's approved core courses.

- **GRADE POINT AVERAGE:** The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved **core courses**. DIVISION I requires a minimum 2.3 GPA; DIVISION II requires a minimum 2.2 GPA.

- **TEST SCORES:** You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility code 9999 to send your scores directly to us from the testing agency. NCAA accepts official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. If you take either test more than once, the best sub-score from different tests are used to give you the best possible score.

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses

- **SLIDING SCALE:** Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about test scores at www.ncaa.org/test-scores.

NCAA accepts official scores only from the ACT or SAT, and won't use scores shown on your high school transcript.

NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS

The NAIA is an athletics association for small colleges and universities. Graduating seniors who earn athletic scholarships to any NAIA college will be required to complete a Certification Account with the NAIA Eligibility Center.

Eligibility requirements can be found at www.naia.org.

ELIGIBILITY FOR NON-TRADITIONAL HIGH SCHOOL ATHLETES

Non-traditional high school athletes attend a homeschool program; yet, are eligible to play high school sports through the bylaws of the Alabama High School Athletic Association. In order to participate in any high school athletics program, the non-traditional student must:

- Enroll in a school that serves the area in which they live.
- Provide a transcript from the homeschool program to be evaluated for eligibility.
- Enroll in the public school within the first 20 days of the semester.
- Complete the enrollment process and registration paperwork prior to tryouts.
- Enroll in two electives (one elective per semester).
- Be added to the roster of the sport in C2C in order to be covered under catastrophic insurance.
- Attend assigned classes (i.e. Weight Training, Varsity Athletics, etc.) each school day.
- Take regular Physical Education on the school's campus if enrolling in a middle school.


BAKER
AHSAA
ALABAMA HIGH SCHOOL ASSOCIATION
CROSS COUNTRY
STATE QUALIFIER


WILLIAMSON
7
WILLIAMSON
4
WILLIAMSON
12


Lions


BLOUNT

SIGNATURE ACADEMIES

- BAKER HIGH SCHOOL
- MATTIE T. BLOUNT HIGH SCHOOL
- ALMA BRYANT HIGH SCHOOL
- CITRONELLE HIGH SCHOOL
- W.P. DAVIDSON HIGH SCHOOL
- JOHN L. LEFLORE HIGH SCHOOL
- MARY G. MONTGOMERY HIGH SCHOOL
- S.S. MURPHY HIGH SCHOOL
- BEN C. RAIN HIGH SCHOOL
- THEODORE HIGH SCHOOL
- C.F. VIGOR HIGH SCHOOL
- LILLIE B. WILLIAMSON HIGH SCHOOL

MR. LARRY MOUTON, Assistant Superintendent
Workforce Development
lmouton@mcpss.com

SIGNATURE ACADEMIES

The Mobile County School System created Signature Academies at each high school to provide small learning communities that afford all 10th -12th grade students the opportunity to participate in real-world, hands-on assignments connected to a specific career theme. Signature Academies offer college and career-ready opportunities such as internships, job shadowing, workplace tours, worksite training, business mentors, etc. Students complete a minimum of one course each year beginning in the 10th grade. Students may request an academy change during their 10th grade year after consulting with the school's Career Academy Specialist.

8th grade students who are not zoned to attend a high school that offers the Signature Academy they are interested in pursuing may apply for a transfer during the Signature Academy application period. All applicants will receive written notification of their acceptance status. Students who are accepted to the Signature Academy outside of their zoned school will be responsible for providing their own transportation to their assigned school. Students can be withdrawn from their assigned school if they decide to change their academy pathway. If this occurs, students are re-enrolled in their zoned high school.

Below is a list of each high school's Signature Academy. In addition to their signature program, each school offers additional academies that are available to students who are zoned to attend that particular school. Information regarding the academies offered at each school can be found on each school's website, by visiting signatureacademies@mcpss.com.



Students who are accepted to the Signature Academy outside of their zoned school will be responsible for providing their own transportation.

Students can be withdrawn from their assigned school if they decide to change their academy pathway.



Baker High School

The Advanced Placement Capstone Academy is designed to provide students with a rigorous curriculum to develop productive citizens and life-long learners who are prepared to compete in a global society.

- As Baker High School's signature academy, the **Advanced Placement Capstone Program** cultivates curious, independent, and collaborative scholars. Students work both individually and within a team setting to study topics of relevance and interest. Students will be trained to propose logical, evidence-based solutions to research questions of their own choosing. Students will master both argument-based writing skills and persuasive speech. Finally, students will be challenged to defend their findings at the conclusion of a multimedia presentation. The AP Capstone program is comprised of two courses: AP Capstone Seminar and AP Capstone Research. These two courses are designed to complement and enhance the discipline-specific study of other AP courses. Students who successfully complete AP Seminar and AP Research along with at least four other AP courses will earn the prestigious AP Capstone Diploma. Successful completion is deemed as receiving a score of three or better on all six AP exams.

- Baker students can also choose to enter one of the following Academy Pathways:
  - Business Information Technology Academy (BIT)
  - Early Childhood Education Academy
  - Engineering Academy
  - Fine Arts, Media, and Entertainment Academy (FAME)
  - Health Sciences and Human Services Academy (HS2)
  - Hospitality and Tourism Academy
  - Marine and Zoological, Environmental Sciences Academy (MAZES)
  - Transportation and Public Services Academy (TAPS)
  - Bryant Career and Technical Center Academy

Blount High School

The Academy of Pre-Med, Medical, and Advanced Health Care Careers is a specialized program designed to expose students to a wide range of careers in healthcare.

- **Health Science** is designed to provide the student with multiple opportunities to learn and acquire skills necessary for various levels of careers within the healthcare field. Students will have the opportunity to earn a credential as a Certified Nursing Assistant (CNA) endorsed by the State of Alabama.
- **Sports Medicine** is designed to provide students with the knowledge and skills needed to assist with first aid and therapeutic medical services. Students will be given the opportunity to earn multiple certifications in the following areas: Cardiopulmonary Resuscitation Certificate (CPR), First Aid, Automated External Defibrillator (AED), and Blood Borne Pathogens.
- **The Pre-Med and Advanced Health Care Careers Academy** is designed for students enrolled in the 11th and/or 12th grade who plan to pursue a major in the Bio-Medical Sciences. Course sequence is designed to apply science to medicine through various classroom, laboratory, community, and service-related activities. Students in this career path will take part in a range of classroom experiences that will expose them to a variety of careers in the healthcare industry. Experiences will provide an overview of medicine, Pharmacy, Nursing, Allied Health Technology, Health Systems Management, Optometry, and Dentistry through major pathway projects.

Bryant High School

The Cambridge Assessment International Education Program is a rigorous, internationally recognized course of study for academically talented students. The program has been in existence for over 150 years and is under the auspices of Cambridge Assessment, a not-for-profit organization and part of the world-renowned University of Cambridge in the United Kingdom, whose international qualifications are recognized by the world's best universities and employers, giving students a wide range of options in their education and career.

The first two years in the Cambridge Program are spent studying a broad curriculum of courses designed to emphasize the development of higher order thinking skills, oral and written skills, and extensive problem solving and teamwork while earning the International General Certificate for Secondary Education (IGCSE). The final two years are spent in the advanced program which is comprised of college-level courses leading to the Advanced International Certificate of Education (AICE) diploma.

The Academy of Coastal Studies provides students opportunities to acquire the knowledge and skills needed to protect and preserve the environment and livelihood of the Gulf Coast.

- **Agriscience** provides students with a fundamental overview of the Agriculture, Food, and Natural Resources cluster which contains Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness.
- **Coastal Environmental Sciences** provides students an opportunity to focus on the coastal environment surrounding them. Through classroom and hand-on learning experiments, students will study the various aquatic ecosystems within the marine environment.
- **Fisheries Management & Aquaculture** is designed to provide students with the knowledge and skills necessary to move beyond the harvesting of wild seafood to an industry of seafood production and harvesting. Students will learn about aquaculture systems, water chemistry and management, system design and maintenance, health and sanitation, and other aquaculture issues.
- **Maritime & Industrial Technologies** is designed for students interested in the shipbuilding industry. Through collaboration with the Bryant Career Technical Center, students will participate in courses in Welding, Pipefitting, Engine Repair, and Electrical/Wiring Systems.
- **Recreation, Travel, & Tourism** is designed to introduce students to hospitality and tourism, recreation, travel and tourism, lodging, restaurants/food and beverage services, customer relations, and quality services. Students will learn about development, marketing, and promotion of this vital area in the gulf coast economy.





Citronelle High School

Academy of Advanced Manufacturing provides students various opportunities to obtain the knowledge and skills necessary to become proficient in the areas of Construction and Manufacturing.

- **Automotive** is designed to provide knowledge and skills related to the automotive repair industry.
- **Engineering** is designed to prepare students to enter the science, technology, engineering, and mathematics (STEM) workforce.
- **Manufacturing Technologies** is designed to prepare students for entry-level positions in manufacturing including safety, quality practices and measurement, manufacturing production & processes, maintenance awareness and green production.
- **Welding** is designed to develop the knowledge and skills necessary in the welding industry.

Davidson High School

The International Baccalaureate Program is a two-year curriculum for eleventh and twelfth graders aimed at developing inquiring, knowledgeable, and caring young people. The program provides a rigorous and challenging academic curriculum that prepares students for a variety of post-secondary school options.

The Pre-IB Program is a two-year curriculum designed for ninth and tenth grade students desiring to complete the IB Diploma Program as eleventh and twelfth graders. The Pre-IB Program offers a rigorous study in all IB subject areas with particular focus on English and History preparation. The Pre-IB Program can be completed in conjunction with the EPIC Program, AP Program, and other extra-curricular programs.

Engineering Pathways Integrated Curriculum (EPIC) is a specialized math and science program that prepares students for post-secondary education in engineering, medicine, information technology and other STEM fields. EPIC's strong math and science components allow interested students to go beyond the required curriculum to take extra courses and to participate in enrichment activities related to their interests in math and science. EPIC students choose one of three pathways that best suits their interests and goals for the future:

- Biomedical Engineering
- Computer Science
- Engineering





LeFlore Magnet High School

The Academy of Law, Arts, and Health Services provides opportunities for developing sound communication skills as well as critical thinking skills needed to pursue careers within these areas of focus:

- **The Academy of Law** offers pathways in Legal Studies, Public Safety and AJROTC Leadership. It provides students with the knowledge, skills and exposure pursue careers in the areas of practicing criminal and civil law, legal research/writing, law enforcement, firefighting and emergency rescue, and military service.
- **The Academy of Arts** provides exposure to Performing and Visual Arts. This academy engages students in challenging curricula where they are able to perform & develop technical skills in the areas of band, dance, art, and commercial photography.
- **The Academy of Health Services** offers the following pathways: Therapeutic Services and Pharmacy Technician. This academy provides students with essential knowledge and skills for entering the health care field. A competency-based program utilizes learner-centered instruction and provides opportunities for students to learn skills necessary for a career path in Health Science.

Mary G. Montgomery High School

The Academy of Biomedical Sciences is MGM's signature program. This academy is structured to develop knowledgeable and skilled professionals by building a strong academic foundation in biological and medical sciences. There are two pathways offered in this academy:

- **Biomedical Science** is the students' introduction to the world of biomedical science. Throughout the course, your students will "investigate and solve a mysterious death" by using information and skills they learn in the lessons. Students are required to take each of the following courses: Principles of Biomedical Science (PBS), Human Body systems (HBS), and Medical Interventions (MI).

- **Sports Medicine** introduces the student to the interdisciplinary subspecialty of medicine through engaging and compelling real-world challenges in and around athletics and other physical activities. Students work with teams during practices and games in preparing for performance on the field, and assist with injury and athlete recovery. The curriculum is written by professional certified athletic trainers and consists of three consecutive courses: Foundations of Health Science (FHS), Human Body Structures and Functions (HBSF), and Sports Medicine Fundamentals (SMF).

Mary Montgomery students also have the opportunity to choose from the following academies:

- Academy of Agricultural and Mechanical Science
- Academy of Business Leadership
- Academy of Engineering and Computer Science
- Academy of Liberal and Fine Arts
- Academy of Faulkner Career and Technical Educational

Murphy High School

The Murphy University Center Signature Academy is designed for highly motivated students who have a record of academic ability beginning in middle school. Students who enter Murphy University have two pathway choices:

- **The International Baccalaureate (IB) Program** is an advanced level curriculum. The IB curriculum follows the guidelines set by the International Baccalaureate Organization which promotes educating students to think independently while driving their own learning. IB students become more culturally aware through learning a second language which allows them to engage with people in an increasingly globalized, rapidly changing world.
- **The University of Alabama Early College Program**, through the Murphy University Center, provides the opportunity for qualified students to take college courses with college professors while in high school.

Murphy High School students also have an opportunity to explore the following pathways:

- Academy of Military Leadership
- Academy of Culinary Arts
- Academy of Fine Arts
- Faulkner Career Technical Center Academy

Rain High School

The Signature Academy of Aviation and Aerospace encourages students to explore and pursue careers in the field of Aviation and Aerospace.

- **Aviation Technology** prepares students for entering an aviation certification program and/or workplace knowledgeable of basic aviation concepts. Students are afforded the experience of building and maintaining aircraft.
- Aerospace Engineering prepares student to enter a university-level engineering curriculum based on exposure to Project Lead the Way (PLTW) Curriculum, Solid Works and AutoCAD software and Engineering Design Problem Solving Process. Students will be challenged with upper-level science and math courses, as well as learn how to design aircrafts and robots.

Rain High School also offers students the opportunity to explore the following academy pathways:

- Academy of Business Information Technology
- Academy of Communication and Arts Technology
- Academy of Leadership
- Bryant Career and Technical Center Academy

Theodore High School

The Industry and Engineering Academy is designed to provide students opportunities in the areas of engineering and drafting or in the thirteen career technical programs available at the Bryant Career Technical Center.

- **Industrial Multi-Craft Technology** is designed to provide students with multiple opportunities to acquire skills necessary for performing various tasks in the vast areas of industrial craftsmanship.
- **Engineering** is designed to provide students with the knowledge and skills in drafting (computer aided drafting (CAD) and hand drafting) as well as an introduction to the different engineering disciplines (civil engineering, mechanical engineering, electrical engineering, etc.) and skills and knowledge pertaining to each.

Theodore students can also choose from the following academy pathways:

- The Arts and Humanities Academy
- The Marketing, Business, and Leadership Academy
- The Healthcare and Dental Academy

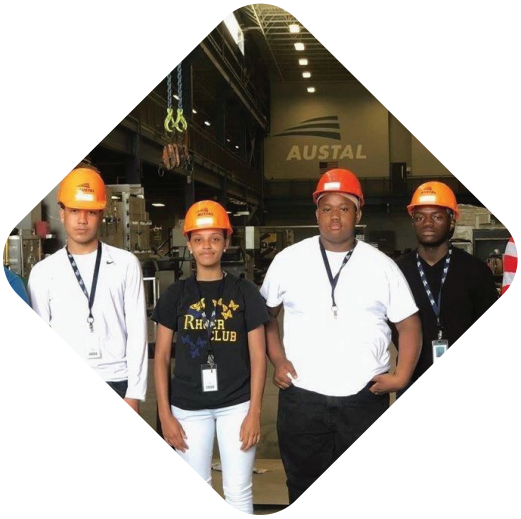
Vigor High School

The Academy of Information Technology (IT) is designed to develop IT technicians to assist companies grow and become innovative in the ever-changing global technology. This academy offers the following pathways:

- **Programming and Software Development** prepares students for further study and careers in the field of computer science through programming, design, and networking issues.
- **Networking** prepares students with the fundamentals and advanced computer, interpersonal, and problem-solving skills necessary for success in computer fields.
- **Interactive Media** introduces students to the role of digital media specialist by learning the essential components of how to create a web site, produce a training video, or design a computer game.

Vigor students can also choose from the following academy pathways:

- Academy of Broadcasting
- Academy of Culinary Arts
- Academy of Public Services
- Faulkner Career and Technical Academy



Williamson High School

The Academies of Maritime, Engineering, and Entrepreneurship expose students to the skill set necessary to be successful within a two-or four-year college or university and the work place.

- **The Maritime Academy** encourages students to explore and pursue careers in the Maritime Industry of Welding Multi-Craft and Electrical fields of study.
- **The Engineering Academy** provides students with the opportunity to gain experience in general engineering design and application as they acquire discipline-specific knowledge that allows them to make informed career choices.
- **The Entrepreneurship Academy** consists of Business Marketing, Culinary Arts, Cosmetology, Music Performance, and JROTC. The students engage in real-world projects that assist in building the foundation necessary to be successful within these career fields.

Students can also choose to enroll in the Faulkner Career and Technical Center Academy.

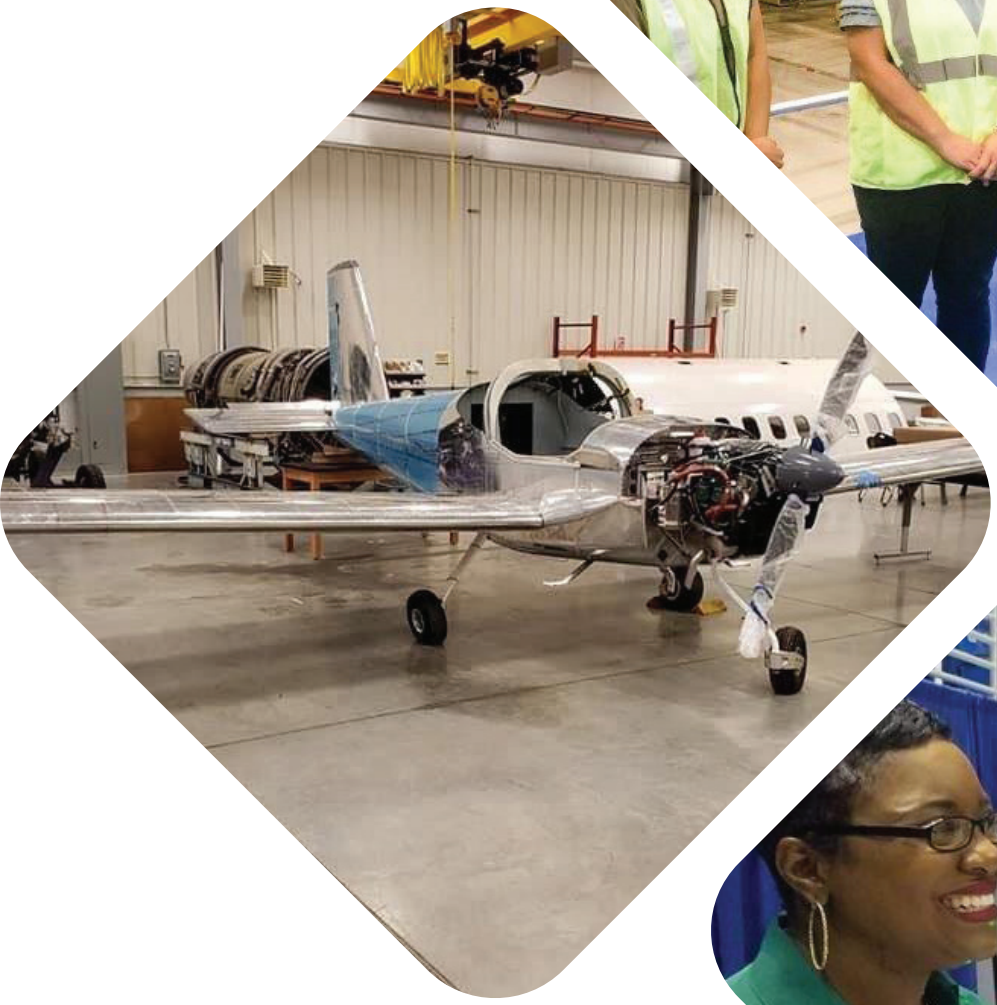


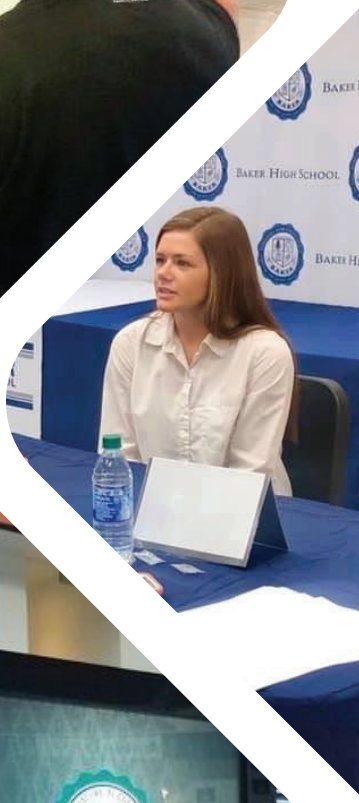











BAKER HIGH SCHOOL


We are preparing
our students to
be college
and
career ready!

SPECIAL EDUCATION SERVICES

MS. SHARON MAGEE, Executive Director
Special Education Programs
samagee@mcpss.com

SPECIAL EDUCATION PROGRAMS

Special Education means individualized instruction that is specially designed to meet the unique needs of students with disabilities and students identified as gifted. A continuum of services is available based upon each student's functioning level and need for specialized educationally-related services. Special education services may be consultative, part-time, or full-time. Please contact the Special Education office in Academic Affairs at (251) 221-4218 for more information about a specific area of Special Programs. The following exceptionalities are served through the Special Education Program:

Autism	Intellectual Disability	Speech/Language Impairment
Deaf/Blindness	Multiple Disabilities	Traumatic Brain Injury
Emotional Disability	Orthopedic Impairment	Visual Impairment
Gifted	Other Health Impairment	Developmentally Delayed
Hearing Impairment	Specific Learning Disability	

Special Education Work Component Requirements

Students who are working to earn the Essentials/Life Skills Diploma are required to complete a work component. The work component requirements are as follows:

PREREQUISITE COURSE:
Career Preparedness (Career and Academic Planning, Computer Applications, and Financial Literacy)

REQUIREMENTS:
Students who take 4 or more Essentials Pathway courses must complete the following:

- Community-Based Work Training
- Two Career/Technical Education courses in a sequence
- Workforce Essentials or Transition Services II
- Cooperative Education/Work-Based Learning and/or Essentials Career Preparation

IMPORTANT INFORMATION:

- Community-Based Work Training should be completed before applying for Cooperative Education/Work-Based Learning.

- Community-Based Work Training should be completed at two different work sites, and will be considered successful when the student has two Community-Based Work Training Performance Evaluations with scores of 3 or 4 for each site.

- Community-Based Work Training can be waived with successful paid work experiences documented on the Community-Based Work Training Performance Evaluation form (minimum of two).

- Cooperative Education/Work-Based Learning and Essentials Career Preparation can consist of an apprenticeship (paid) or internship (unpaid) experience.
- Students must have a minimum of 140 hours of apprenticeship or internship experience. The student will be awarded one credit for each 140 hours of the career experience.
- Apprenticeship and internship hours can only be earned in the summer if the student is enrolled in summer school and the system Cooperative Education Coordinator is on a 12-month contract.
- The Career Preparation course can count as a Career and Technical Education (CTE) course, regardless of the instructor's teacher certification..



Special Education means individualized instruction that is specially designed to meet the unique needs of students with disabilities and students identified as gifted.

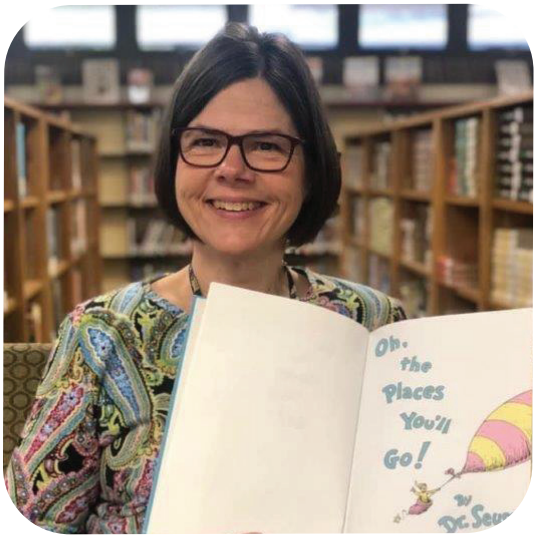
SPECIAL EDUCATION DIPLOMA PATHWAYS

ESSENTIALS/LIFE SKILLS PATHWAY	CREDITS NEEDED	ALTERNATE ACHIEVEMENT STANDARDS PATHWAY	CREDITS NEEDED
ENGLISH	**4**	**ENGLISH**	**4**
English Essentials 9 English Essentials 10 English Essentials 11 English Essentials 12		AAS English 9 AAS English 10 AAS English 11 AAS English 12	
MATHEMATICS	**4**	**MATHEMATICS**	**4**
Algebraic Essentials Geometry Essentials Essentials Algebra II Essentials Math Elective		AAS Math 9 AAS Math 10 AAS Math 11 AAS Math 12	
SCIENCE	**4**	**SCIENCE**	**4**
Essentials Physical Science Essentials Biology Essentials Science Elective Essentials Science Elective		AAS Science 9 AAS Science 10 AAS Science 11 AAS Science 12	
SOCIAL STUDIES	**4**	**SOCIAL STUDIES**	**4**
Essentials World History 9 Essentials United States History 10 Essentials United States History 11 American Government for Living Economics for Living		AAS Social Studies 9 AAS Social Studies 10 AAS Social Studies 11 AAS Social Studies 12	
PHYSICAL EDUCATION	**1**	**PHYSICAL EDUCATION**	**1**
HEALTH EDUCATION	**0.5**	Beginning Kinesiology	
CAREER PREPAREDNESS	**1**	**LIFE SKILLS**	**4**
Career and Academic Planning, Computer Applications, and Financial Literacy		AAS Life Skills 9 AAS Life Skills 10 AAS Life Skills 11 AAS Life Skills 12	
CAREER AND TECHNICAL EDUCATION	**3**	**VOCATIONAL/COMMUNITY BASED INSTRUCTION**	**4**
GENERAL ELECTIVES	**6.5**	AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction and/or AAS Elective	
NOTE: Cooperative Education Seminar/Work-Based Experience is a required elective			

NOTE: Students working towards the Essentials/Life Skills Pathway MUST take Cooperative Education Seminar/Work-Based Experience. Students with disabilities that remain in school until age 21 must be allowed to participate in graduation activities with their class. The Local Education Agency (LEA) determines whether the student is given a blank sleeve or a locally developed certificate during the ceremony with their class, but they should not be awarded the diploma until the year of their agreed upon date of exit.




BAKER
BASEBALL
HORNETS

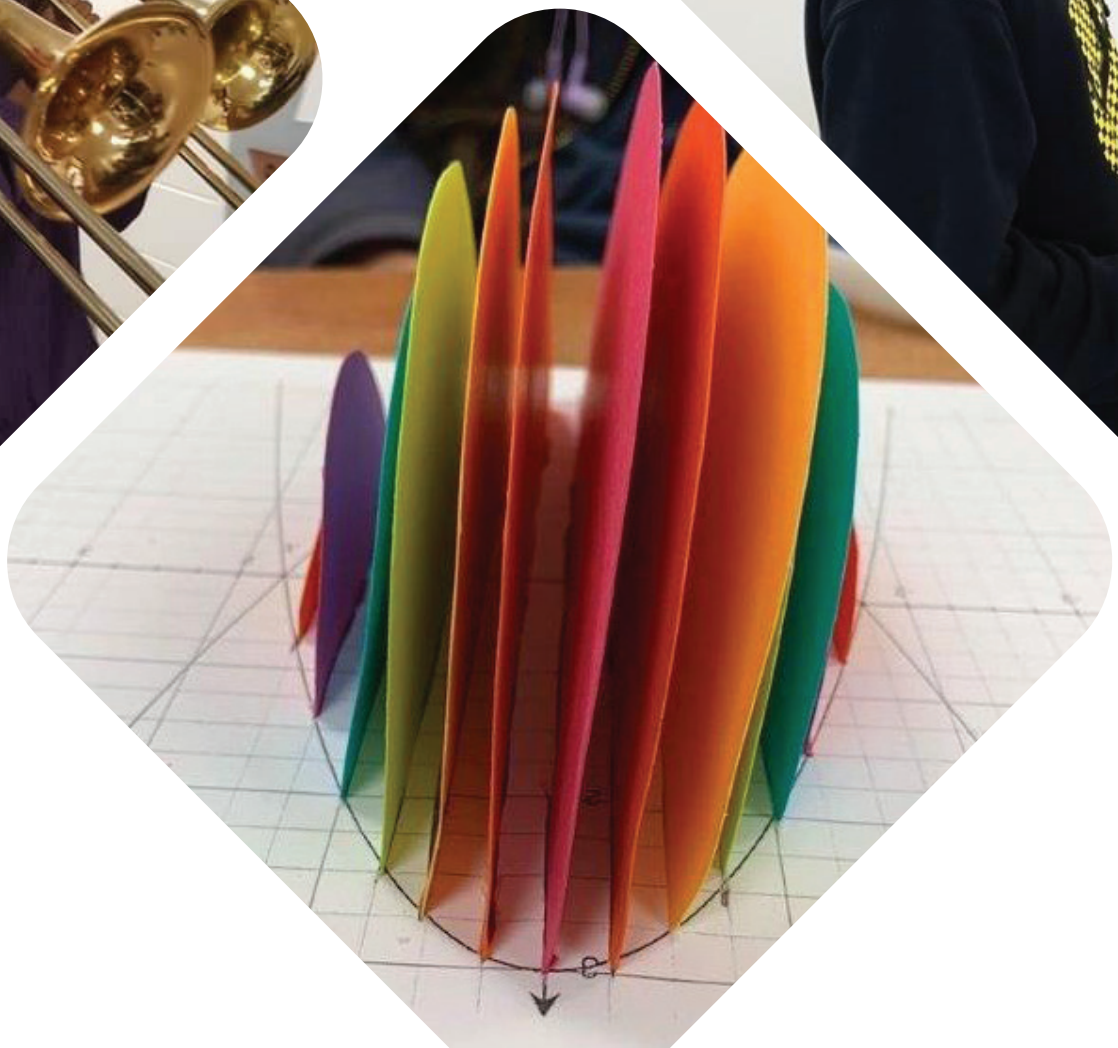

Oh, the Places You'll Go!




WARRIORS







COURSE OPTIONS AND DESCRIPTIONS

The following pages contain courses offered in the Mobile County Public School for the 2020-2021 school year. Each course listed includes a brief description, the amount of credit that can be earned, and any pre-requisites needed to take the course. Please note that due to the number of course options, classes are listed alphabetically and not in sequential order.

Students and parents should consult with the grade-level counselor for recommended course sequences based on the student's diploma endorsement and academy choices.

Course Options and Descriptions are listed for the following areas:

- CAREER AND TECHNICAL EDUCATION
- DRIVER'S EDUCATION AND SAFETY
- ENGLISH AND LANGUAGE ARTS EDUCATION
- ENGLISH AS A SECOND LANGUAGE (ESL)
- FINE ARTS EDUCATION
- HEALTH AND PHYSICAL EDUCATION
- JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)
- MATHEMATICS EDUCATION
- SCIENCE EDUCATION
- SOCIAL STUDIES EDUCATION
- SPECIAL EDUCATION
- WORLD LANGUAGES

MISCELLANEOUS COURSES

ACADEMIC TEAMS

802200bw HI Q ACADEMIC TEAM 1 CREDIT
This course is designed to assist students in the preparation for participation in the Hi-Q Academic Team Program.

802200bx SCHOLARS' BOWL TEAM 1 CREDIT
This course is designed to assist students in the preparation for participation in the Scholars' Bowl Team.

TWILIGHT AND NON-TRADITIONAL STUDENT ENROLLMENT

802111aq TWILIGHT ATTENDANCE 0 CREDIT
This course code is used for Twilight attendance ONLY.

802111ar NON-TRADITIONAL STUDENT ATTENDANCE 0 CREDIT
This course code is used for Non-Traditional (Homeschool) student attendance ONLY.

REGISTRATION AND TRANSFER OF CREDIT APPROVAL

802205aa TRANSFER ELECTIVE 1 CREDIT/.5 CREDIT
This course code number is ONLY utilized for transfer courses that do not have a match in the valid course file. (EX: Arkansas State History) AT NO TIME SHOULD THE WORD "TRANSFER ELECTIVE" REMAIN ON THE TRANSCRIPT. The Registrar will manually enter the course name, course type, difficulty level, grade, credit, and weight of course.

GUIDANCE AND COUNSELING

802211 REACH STUDENT ADVISEMENT .25 CREDIT
This course is designed to enhance academic, career, social, and personal development for high school students. Students meet under the supervision of a faculty advisor who facilitates REACH Advisory lessons and serves as an advocate for their students. 0.25 credit may be awarded each school year for maximum of 1.0 credit per student to be earned.

802111 SEE GUIDANCE; SCHEDULE FILLER 0 CREDIT
These numbers have been added to valid course file to give flexibility in scheduling unique groups of students. The course number is used simply as a "holding place" and is non-credited. The student must be adjusted with a credited course.

802111ag MID-YEAR GRADUATE 0 CREDIT
This number can be assigned in the second semester schedule of students who are mid-year (December) graduates.

802111af SENIOR EARLY LEAVE 0 CREDIT
This number can be assigned for senior students who are engaged in educational/training opportunities away from the local high school site, and/or for fifth-year seniors only.

CREDIT RECOVERY AND INTIAL CREDIT

CREDIT RECOVERY

The following numbers should be used when scheduling a student for a course in **CREDIT RECOVERY (Prescriptive Courses in Connexus)**:

ENGLISH	
ENGLISH 9	200005ae
ENGLISH 10	200009ae
ENGLISH 11	200013ad
ENGLISH 12	200017ad

MATHEMATICS	
ALGEBRA I	200005ae
GEOMETRY	200009ae
ALGEBRAIC CONNECTIONS	200013ad
ALGEBRA 2	200017ad

SOCIAL STUDIES	
WORLD HISTORY	230013ad
US HISTORY 10	220011ad
US HISTORY 11	230019ad
GOVERNMENT	230041ad
ECONOMICS	230051ac

SCIENCE	
PHYSICAL SCIENCE	200005ae
BIOLOGY	200009ae
EARTH SPACE SCIENCE	200013ad
ENVIRONMENTAL SCIENCE	200017ad

INITIAL CREDIT

The following numbers should be used when scheduling a student for **INITIAL CREDIT (Sequential Courses in Connexus)**:

ENGLISH	
ENGLISH 9	200005af
ENGLISH 10	200009af
ENGLISH 11	200013ae
ENGLISH 12	200017ae

MATHEMATICS	
ALGEBRA I	210005ag
GEOMETRY	210010ag
ALGEBRAIC CONNECTIONS	210015ah
ALGEBRA 2	210016ae

SOCIAL STUDIES	
WORLD HISTORY	230013ae
US HISTORY 10	220011ae
US HISTORY 11	230019ae
GOVERNMENT	230041ae
ECONOMICS	230051ad

SCIENCE	
PHYSICAL SCIENCE	220051af
BIOLOGY	220011ae
EARTH SPACE SCIENCE	220081ai
ENVIRONMENTAL SCIENCE	220029ai

ELECTIVES	
CONTEMPORARY ISSUES	230201ad
HEALTH EDUCATION	250002
PHYSICAL EDUCATION	240002
PERSONAL FINANCE	400021
PARENTING	510023
PSYCHOLOGY	230071ad
SOCIOLOGY	230081

CAREER AND TECHNICAL EDUCATION

MRS. NANCY S. PRINE, DIRECTOR
nprine@mcpss.com **251-221-4023**

The Mobile County Public School System's Career and Technical Education program provides students with the courses, skill sets, and opportunities that support their college and career readiness journeys. Our CTE programs focus on developing the students' critical and analytical thinking skills while preparing them for postsecondary and workforce opportunities. CTE courses are offered at each high school along with extensive, credentialing programs being offered at three career and technical centers. Our CTE programs also offer leadership opportunities through memberships in student organizations.

Alabama's Career and Technical Education program is representative of the National Career and Technical Education model. The national model includes sixteen career clusters. Career clusters in Alabama's curriculum include courses that identify academic and technical knowledge and skills needed for students to pursue a wide range of career opportunities. Career clusters provide the framework for what students need to know and be able to do for success in the twenty-first century. The sixteen clusters are:

- Agriculture, Food, and Natural Resources
- Architecture and Construction
- Arts, Audio-Video Technology, and Communications
- Business, Management, and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections, and Security
- Manufacturing
- Marketing, Sales, and Service
- Science, Technology, Engineering, and Mathematics
- Transportation, Distribution, and Logistics



CAREER AND TECHNICAL CENTERS

GEORGE H. BRYANT CAREER AND TECHNICAL CENTER

The George H. Bryant Career and Technical Center provides career technical training for area high school students. Hands on skilled instruction combined with related academics that prepares students for having a successful career in the workforce industry. Students can choose to attend the morning or afternoon session (pending space and time that course is offered). The following courses are offered at Bryant Career and Technical Center:

- Agricultural Construction Technology
- Agricultural Mechanics
- Agricultural Turf Management
- Automotive Technology
- Aviation Technology
- Computer Electronics Technology
- Construction and IM&S Technology
- Cosmetology
- Fire Science Technology
- Forestry and Wildlife Science
- Health Science Technology
- Heating, Ventilation, Air Conditioning & Refrigeration
- Horticulture & Floriculture
- Plumbing & Pipefitting
- Welding Technology

Bryant Career and Technical Center services students from the following high schools within MCPSS: Baker High School, Alma Bryant High School, Davidson High School, BC Rain High School, and Theodore High School.

THOMAS L. FAULKNER CAREER AND TECHNICAL CENTER

The Thomas L. Faulkner Career and Technical Center provides career and technical training for area high school students. Students are prepared for global opportunities by being equipped with workforce skills, exposure to internship opportunities, and post-secondary opportunities. Students can choose to attend the morning or afternoon session (pending space and time that course is offered). The following courses are offered at Faulkner Career and Technical Center:

- Automotive Technology
- Carpentry and Cabinet Making
- Collision Repair Technology
- Computer Electronics Technology
- Cosmetology
- Electrical Technology
- Graphic Arts and Design
- Health Science
- Heating, Ventilation, Air Conditioning & Refrigeration
- Masonry and Trowel
- Mathematics
- Teaching and Training
- Welding Technology

Faulkner Career and Technical Center services the following high schools within MCPSS: Mary G. Montgomery High School, Blount High School, Vigor High School, LeFlore High School, Murphy High School, and Williamson High School.

CITRONELLE CENTER FOR ADVANCED TECHNOLOGY

The Citronelle Center for Advanced Technology provided career and technical training for Citronelle High School students. Students who enroll in the Citronelle Center for Advanced Technology achieve the self-confidence, discipline, and assurance needed to reach their career goals. The following courses are offered at the Citronelle Center for Advanced Technology:

Automotive Technology	Welding Technology
Agriscience	Manufacturing
Health Science	Patient Care Technology
Engineering Technology	Hospitality and Tourism

CTE TECHNICAL DUAL ENROLLMENT PROGRAMS

The Mobile County Public School System, Bishop State Community College, and Coastal Alabama Community College have an agreement that allows students to receive advanced training in technical fields including Welding, Process and Instrumentation Technology, Electronics, Automotive Technology, Heating, Ventilation, and Air Conditioning Repair, and Aviation Technology, among other choices. The participating students may receive both high school and post-secondary credit for the courses in these programs. This program will provide MCPSS students with quality career pathways that can lead to more advanced education, certification, and more employment opportunities. A Dual Enrollment Contract signed by the student, counselor, and principal must be signed prior to beginning any DE course in order for student to receive the DE credit on their high school transcript. **Interested students should see the Guidance Counselor at the Career and Technical Education Center they attend.**





CAREER AND TECHNICAL EDUCATION STUDENT ORGANIZATIONS

DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality, and management. DECA enhances the preparation for college and careers by providing co-curricular programs that integrate into classroom instruction, applying learning in the context of business, connecting to business and the community, and promoting competition.

FUTURE BUSINESS LEADERS OF AMERICA is a nonprofit international career and technical student organization for young men and women preparing for careers in business and business-related fields. Our mission is to bring business and education together in a positive working relationship through innovative leadership and career development programs.

FAMILY, CAREER, AND COMMUNITY LEADERS OF AMERICA is a nonprofit national career and technical student organization for young men and women in family and consumer sciences education in high schools. FCCLA is the ultimate leadership experience.

FFA makes a difference in the lives of young people by developing their potential for premier leadership, personal growth, and career success through agriscience education.

HEALTH OCCUPATIONS STUDENTS OF AMERICA is a student led organization which is 100% health focused and acts as a pipeline to provide seamless transition opportunities for members to move from education to career.

THE NATIONAL TECHNICAL HONOR SOCIETY has a mission to honor student achievement and leadership, promote educational excellence, and enhance career opportunities for technical students. They provide recognition for excellence in technical education and create occupational opportunities for America's top workforce education students.

SKILLS USA is a partnership of students, teachers, and industry working together to ensure America has a skilled workforce. We provide educational programs, events and competitions that support career and technical education in the nation's classrooms.

THE TECHNOLOGY STUDENT ASSOCIATION fosters personal growth, leadership, and opportunities in Science, Technology, Engineering, and Mathematics (STEM); members apply and integrate these concepts through co-curricular activities, competitions, and related programs.

CAREER AND TECHNICAL EDUCATION COURSE DESCRIPTIONS

400025 **CAREER PREPAREDNESS** **1 CREDIT**

A one-credit course that is taught in grades 9-12. The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience. (It does not count toward pathway completion.)
CAREER PREPAREDNESS IS REQUIRED FOR GRADUATION.

AGRICULTURE, FOOD, AND NATURAL RESOURCES EDUCATION

MRS. DANIELLE BOOTH, SUPERVISOR
dbooth@mcpss.com **221-4027**

In the Agriculture, Food and Natural Resources cluster specific content standards describe what students will be able to do at the end of each course. The foundation course, Agriscience, may be offered to all ninth through twelfth grade students. Students who select the Agriculture, Food and Natural Resources cluster are interested in the planning, implementation, production, management or marketing of agriculture, food and natural resources.

Instruction in the Agriculture, Food and Natural Resources cluster provides students with the essential knowledge, high-level skills and training demanded for work in this cluster. Learning activities simulate types of work environments students may encounter, which include opportunities to gain knowledge and skills through coordinated workplace learning experiences, such as on-site visits and work shadowing. The classroom and laboratory for this cluster provide a safe and appropriate setting for active, structured and stimulating student learning and assessment. This cluster emphasizes the Supervised Agricultural Experience (SAE) program and FFA activities that help students develop their potential for premier leadership, personal growth and career success. The following Career Clusters are in this section:

- Power, Structure, and Technical Systems
- Environmental and Natural Resources Systems
- Animal Systems
- Plant Systems

POWER, STRUCTURE, AND TECHNICAL SYSTEMS

420009 **AGRISCIENCE** **1 CREDIT**

Agriscience is a course that provides students with a general overview of the Agriculture, Food and Natural Resources Cluster, which contains five pathways: Power, Structure and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students are involved in classroom and laboratory activities in each of the five pathway areas. Topics included in this course include career opportunities, safety, technology applications, agribusiness leadership, environmental science, soil science, plant science, forestry, animal science, aquaculture, wildlife science, pest management, woodworking, metalworking, small engines, electrical wiring and plumbing. **Grades: 10-12**

410001 TWO AND FOUR STROKE ENGINES 1 CREDIT

Two-and-Four-Stroke Engine is a course designed to prepare students for entry-level employment or advanced training in the power mechanics field. Topics include career opportunities, safety, tools, four-stroke cycle engines, two-stroke cycle engines, cooling systems, preventive maintenance, engine overhaul and exhaust systems. **Grades: 10-12**

410002 POWER EQUIPMENT TECHNOLOGY 1 CREDIT

Power Equipment Technology is a one-credit course designed to prepare students for entry-level employment or advanced training in the power mechanics field. Topics include career opportunities, safety, tools, hydraulics, pneumatics, drive trains, control systems, starters and preventive maintenance. **Grades: 10-12**

410006 CONSTRUCTION, SITE PREP, AND FOUNDATIONS 1 CREDIT

A one-credit course designed to facilitate students' understanding of the first phases of construction including types of structures and their uses.

410007 CONSTRUCTION FRAMING 1 CREDIT

A one-credit course designed to facilitate students' understanding of the framing components of a structure. Emphasis is placed on floor systems, wall and ceiling framing, stair construction, and roof framing.

410008 CONSTRUCTION FINISHING AND INTERIOR SYSTEM 1 CREDIT

A one-credit course designed to provide instruction on the exterior and interior finishing phases of a structure.

420012 INTRODUCTION TO METAL FABRICATION 1 CREDIT

A one credit course that provides students with opportunities to examine safety and technical information in metal fabrication and additional opportunities to participate in hands-on activities in the laboratory. Specific content standards to be included in each course are indicated in the Course of Study chart.

420014 INTRODUCTION TO METAL INERT GAX/FLUX CORED 1 CREDIT

A one-credit course that provides students with opportunities to examine safety and technical information in metal fabrication, and opportunities to participate in hands-on activities in the laboratory. Emphasis is placed on planning metal structures, identification and selection, and weld quality.

410011 SAFETY AND HEALTH REGULATIONS 1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces and material handling and storage. **Grades: 10-12**

ENVIRONMENTAL AND NATURAL RESOURCE SYSTEMS

420020 FORESTRY **1 CREDIT**

A one-credit course designed to enable students to become knowledgeable of forestry and wood technology. Emphasis is placed on dendrology, tree measurement, mapping, horticulture, and forest products. Specific content standards to be included in each course are indicated in the Course of Study Chart. **Grades: 10-12**

420022 URBAN FORESTRY **1 CREDIT**

A one-credit course designed to enable students to acquire forestry knowledge and skills for an urban setting. Topics include career opportunities, safety, climbing and rigging, urban tree management, and tree disorders. **Grades: 10-12**

420024 FISH AND WILDLIFE MANAGEMENT **1 CREDIT**

Fish and Wildlife Management is a course that provides students with the opportunity to become knowledgeable about some of today's most valued, yet vulnerable, natural resources. Topics included in the course are career opportunities, outdoor safety, history, issues, classification, fish and wildlife ecology, fish and wildlife management, endangered species, fish and wildlife pest management and outdoor recreation. **Grades: 10-12**

ANIMAL SYSTEMS

410020 INTRODUCTION TO FISHERIES TECHNOLOGY **1 CREDIT**

A one-credit course that designed to introduce students to local fishing industries within the state including the study of equipment and techniques used to harvest seafood from local waters and how technology has changed these techniques over the years. **Grades: 10-12**

420035 AQUA EXPERIENCE **1 CREDIT**

A one-credit course designed to enhance students' understanding of the aquaculture industry with emphasis on research, the economic significance of aquaculture, water quality management, and system design and maintenance. Specific content standards to be included in each course are indicated in the Course of Study chart.

420037 AQUACULTURE SCIENCE **1 CREDIT**

A one-credit course designed to introduce students to physical and biological concepts and skills in aquaculture. Emphasis is placed on integration of knowledge to solve problems and broaden depth of understanding about water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation.

420038 AQUATIC BIOLOGY **1 CREDIT**

A one-credit course that explores the aquaculture industry as it relates to biology. Emphasis is placed on scientific concepts involving the use of microscopes and the conversion of unit measurements, aquatic species, water management, health and sanitation, biotechnology, and aquaculture issues.

PLANT SYSTEMS

420053 PLANT BIOTECHNOLOGY 1 CREDIT

A one-credit course that provides students with an opportunity to develop an understanding of plant genetics and biotechnology relative to agriculture-related products and services. Emphasis is placed on cellular biology, applied genetics and biotechnology concepts, and social and environmental impacts of biotechnology.

420054 GREENHOUSE PRODUCTION AND MANAGEMENT 1 CREDIT

Greenhouse Production and Management is a one-credit course relating to the production of greenhouse crops. Topics include career opportunities, safety, plant propagation, growing media, plant identification, greenhouse production, pest control, business management, and equipment and facilities. The hands-on approach to learning is a key component in this course. **Grades: 10-12**

420051 HORTICULTURAL SCIENCE 1 CREDIT

Topics in Horticultural Science include career opportunities, safety, plant physiology, growing media, greenhouse facilities, greenhouse and nursery crop production, plant identification and classification, pest management, hydroponics and vegetable gardening and technological applications. **Grades: 10-12**

420056 SPORTS TURFGRASS PRODUCTION AND MANAGEMENT 1 CREDIT

Sports Turfgrass Production and Management is a one-credit course that prepares students for sports turfgrass careers. Topics include career opportunities, safety, turfgrass growth, turfgrass management, sports fields, turfgrass tools and equipment, business management and technology. **Grades: 10-12**

420057 LANDSCAPE DESIGN AND MANAGEMENT 1 CREDIT

The landscape design and management sector of the horticulture industry is a growing area in agriscience. Landscapers influence our lives as well as the Earth's ecosystem. This course allows students to become more knowledgeable about and appreciative of landscape design and management. Topics include career opportunities, safety, landscape design, plant selection, landscape growth and the environment, landscape establishment and management, interior plantscaping and xeriscaping, landscape business management and technology. **Grades: 10-12**

420059 RESIDENTIAL LANDSCAPE ESTABLISHMENT AND MANAGEMENT 1 CREDIT

Residential Landscape Establishment and Maintenance is a one-credit course that focuses on the residential landscape industry. Topics include career opportunities, safety, plant nutrition, pest management, plant identification, residential landscape design and maintenance, tool and equipment maintenance, residential landscape business management and technology. **Grades: 10-12**

420055 NURSERY PRODUCTION AND MANAGEMENT 1 CREDIT

Nursery Production and Management is a one-credit course designed to introduce students to the production of nursery crops. Topics include career opportunities, safety, basic plant science, plant propagation, nursery growing media, plant identification, nursery production, nursery pest control, business management, and equipment and facilities. **Grades: 10-12**

AGRICULTURE AND CONSTRUCTION

MRS. DANIELLE BOOTH, SUPERVISOR
dbooth@mcpss.com **221-4027**

Architecture and Construction Education at the secondary level provides a wide range of opportunities for students in a variety of occupational areas blending academic, occupational, and life skills. The content is designed to provide students with the specialized skills and technical knowledge necessary for pursuing various occupational/educational pathways. Leadership activities, co-curricular opportunities, and employability skills are emphasized in appropriate career and technical education organization affiliations. In the organization, students demonstrate leadership, citizenship, work ethics, cooperative attitudes, patriotism, and social skills, through participation in classroom and community activities. Instruction and training are provided regarding proper care, maintenance, and use of tools and equipment as well as applicable local, state, and federal safety and environmental regulations. The following Career Clusters can be found in this area:

- Architecture, Construction, and Manufacturing
- Arts, A/V Technology, and Communications
- Transportation, Distribution, and Logistics

ARCHITECTURE, CONSTRUCTION, AND MANUFACTURING

430004 ARCHITECTURE, CONTRUCTION AND MANUFACTURING 1 CREDIT
Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in grades 9-12; however, it is not required for entering a specific pathway. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blue print reading, basic rigging, and basic employability skills. **Grades: 10-12**

410005 INTRODUCTION TO DRAFTING DESIGN 1 CREDIT
Introduction to Drafting Design is a one-credit course that serves as an introduction to the drafting design technology field. It provides essential information that builds a strong foundation for the entire program. Emphasis is placed on student orientation, safety, tools and procedures, geometric construction, sketching, dimensioning practices, visualization, and orthographic projection concepts. Computer-Aided Drafting (CAD) functions and techniques using CAD software applications are introduced. Upon successful completion of this course, students are able to utilize tools and interpret basic drafting standards to complete a multi-view drawing.
Special Note: Course offered at Davidson, LeFlore, and Theodore **Grades: 10-12**

430010 INTERMEDIATE DRAFTING DESIGN 1 CREDIT
Intermediate Drafting Design is a one-credit course designed to further the development of students' knowledge regarding the use of drafting design practices and procedures. Students expand their ability to illustrate more complex objects using the Computer-Aided Drafting (CAD) system. Topics include sectioning, auxiliary views, threads and fasteners, pictorials, and the continuation of conventional dimensioning practices. Upon successful completion of the course students are able to develop section views, primary auxiliary views, thread representations and pictorial views, and apply dimensions properly on a drawing. **Prerequisite**: Introduction to Drafting Design
Special Note: Course offered at Davidson, LeFlore, Theodore **Grades: 10-12**

430011 ADVANCED DRAFTING DESIGN 1 CREDIT

Advanced Mechanical Design is a one-credit course for students who are interested in engineering and related mechanical drafting areas that provide more in-depth study of mechanical design. Emphasis is placed on detailed parts drawings, bill of materials, and assembly drawings. Students are introduced to basic geometric dimensioning and tolerancing (GD&T) applications. Through intersections and development, students acquire basic sheet metal forming knowledge. Using this knowledge, student's layout and form models of geometric figures. Career readiness projects allow students opportunities to research industry standards and practices. **Prerequisite:** Intermediate Drafting Design
Special Note: Course offered at Davidson, LeFlore, Theodore **Grades: 10-12**

430013 INTRODUCTION TO ARCHITECTURAL DESIGN 1 CREDIT

Introduction to Architectural Design is one-credit course that introduces students to the basic terminology, concepts, and principles of the architectural design field. Students are introduced to various careers involving architecture and principles of architectural design. Emphasis is placed on floor plan layout, electrical plans, foundation plans, wall sections, roof design, and evaluations. Upon successful completion of this course, students are able to draw a basic residential architectural construction drawing.
Special Note: Course offered at Davidson, LeFlore, Theodore **Grades: 10-12**

430014 INTERMEDIATE ARCHITECTURAL DESIGN 1 CREDIT

Intermediate Architectural Design is a one-credit course that provides students with instruction regarding more advanced and detailed architectural plans. Topics include introduction to multilevel residential design, plumbing plans, Heating, Ventilation, Air-Conditioning (HVAC) plans, site plans, and stair construction. Upon successful completion of this course, students are able to organize, layout, and draw more advanced level residential architectural plans in greater detail. **Prerequisite:** Introduction to Architectural Design
Special Note: Course offered at Davidson, LeFlore, and Theodore **Grades: 10-12**

430015 ADVANCED DRAFT DESIGN 1 CREDIT

Advanced Architectural Design is a one-credit course that provides students with instruction regarding more complex design considerations and construction drawings. Topics include fireplace construction, presentation drawings, building specifications, building codes, and light commercial drawing. Upon successful completion of this course, students are able to design and create presentations of residential house plans. This course also provides an introduction to light commercial construction drawings. **Prerequisite:** Intermediate Architectural Design
Special Note: Course offered at Davidson, LeFlore, and Theodore **Grades: 10-12**

430012 STRUCTURAL DRAFTING 1 CREDIT

This course covers the theory and practical applications necessary to understand the basic design and terminology of structural steel components used in commercial buildings. Emphasis is placed on structural steel drafting techniques practiced by local industry. Upon completion of this course, students produce engineering and shop drawings incorporating standard shapes, sizes, and details using the American Institute of Steel Construction (A.I.S.C.) manual.
Special Note: Course offered at Davidson, LeFlore, and Theodore **Grades: 10-12**

410011 **SAFETY AND HEALTH REGULATIONS** **1 CREDIT**

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

430129 **SENIOR CAREER PATHWAY PROJECT ARCHITECTURE & CONSTRUCTION** **1 CREDIT**

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

CONSTRUCTION

430021 **CABINET MAKING 1** **1 CREDIT**

This one-credit course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, use of hand tools and stationary power tools, materials and hardware, various types of joinery, and component assembly and installation.
Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC **Grades: 10-12**

430022 **CABINET MAKING 2** **1 CREDIT**

This one-credit course is designed to provide students with the knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, preparation of surfaces, commonly used sealants, and paints and repairs and remedies. **Prerequisite:** Cabinetmaking 1
Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC **Grades: 10-12**

430023 **CABINET MAKING 3** **1 CREDIT**

This one-credit course is designed to provide students with advanced knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, the use of Computer Numerically-Controlled (CNC) Software, and machining process. **Prerequisite**: Cabinetmaking 2
Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC **Grades: 10-12**

432301 **NCCR CARPENTRY 1** **1 CREDIT**

This one-credit course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, use of hand and power tools, building materials, fasteners, adhesives, and flooring systems. Students are introduced to concrete forms and reinforcing materials, blue print reading, and site preparations.
Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC **Grades: 10-12**

432302 **NCCR CARPENTRY 2** **1 CREDIT**

This one-credit course is designed to provide students with advanced knowledge and skills for this area of the construction industry. Emphasis is placed on job safety; wall, ceiling, and roof framing; windows; entrance doors; and basic stair layout. **Prerequisite:** Carpentry 1

Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC **Grades: 10-12**

432303 **NCCR CARPENTRY 3** **1 CREDIT**

A one-credit course designed to provide students with advanced knowledge, skills and practice emphasizing wall, ceiling, and roof framing, windows, entrance doors, and stair layout needed for NCCER Carpentry Level I Credentialing.

Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC **Grades: 10-12**

432501 **NCCER ELETRICAL TECHNOLOGIES 1** **1 CREDIT**

This is the first of 3 required one-credit courses in the Electrical Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, and electrical theory for use in the construction industry and required for NCCER Electrical Level I Credentialing.

432502 **NCCER ELECTRICAL TECHNOLOGIES 2** **1 CREDIT**

This is the second of 3 required one-credit courses in the Electrical Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on fundamental knowledge and skills in basic wiring, understanding circuitry, performing basic wiring patterns, and using the National Electric Code (NEC) leading to NCCER Electrical Level I Credentialing.

432503 **NCCER ELECTRICAL TECHNOLOGIES 3** **1 CREDIT**

This is the third of 3 required one-credit courses in the Electrical Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on application. Skills in intermediate wiring, circuitry, wiring patterns, and using the National Electric Code (NEC) leading to NCCER Electrical Level I Credentialing.

432601 **NCCER HVAC 1** **1 CREDIT**

This is the first of 3 required one-credit courses in the HVAC Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, HVAC theory and practice for use in heating, ventilation, air conditioning industry. This entry-level course is required for NCCER HVAC Level I credentialing.

432602 **NCCER HVAC 2** **1 CREDIT**

This is the second of 3 required one-credit courses in the HVAC Technologies pathway. Topics include: HVAC theory, application, and the study of components and functions of refrigeration systems. Emphasis is placed on fundamental knowledge, guided practice and NCCER HVAC Level I requirements.

432603 **NCCER HVAC 3** **1 CREDIT**

This is the third of 3 required one-credit courses in the HVAC Technologies pathway. It is designed to provide students with theory, practice, and HVAC skills development. Emphasis is placed on application, installation, and operation of HVAC systems leading to NCCER HVAC Level I Credentialing.

432701 NCCER MASONRY 1 **1 CREDIT**

This is the first of 3 required one-credit courses in the Masonry pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing safety, tools, measuring, blueprint reading and layout, and basic block and brick construction techniques leading to NCCER Masonry Level I Credentialing.

432702 NCCER MASONRY 2 **1 CREDIT**

This is the second of 3 required one-credit courses in the Masonry pathway. It is designed to provide students with practice and skills development emphasizing safety, applications and intermediate block and brick construction techniques leading to NCCER Masonry Level I Credentialing.

432703 NCCER MASONRY 3 **1 CREDIT**

This is the third of 3 required one-credit courses in the Masonry pathway. It is designed to provide students with practice and skills development emphasizing safety, applications and advanced block and brick construction techniques leading to NCCER Masonry Level I Credentialing.

432901 NCCER WELDING 1 **1 CREDIT**

This is the first of 4 required one-credit courses in the Welding Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, welding theory and practice for use in the manufacturing and construction industry. This entry-level course is required for NCCER Welding Level I credentialing and may be taken as one of the optional technical courses with credit applied to the Industrial Maintenance Technology area.

432902 NCCER WELDING 2 **1 CREDIT**

This is the second of 4 required one-credit courses in the welding Technologies pathway. Topics include: basic shielded metal arc welding, blueprint reading, weld symbols and joint identification and print reading. Emphasis is placed on fundamental knowledge guided practice and NCCER Welding Level I requirements.

432903 NCCER WELDING 3 **1 CREDIT**

This is the third of 4 required one-credit courses in the Welding Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on application and operation of shielded metal arc welding (SMAW) equipment in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing.

432904 NCCER WELDING 4 **1 CREDIT**

This is the fourth of 4 required one-credit courses in the Welding Technologies pathway. It is designed to provide students with additional practice, and skills development. Emphasis is placed on application and operation of shielded metal arc welding (SMAW) equipment and mastery in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing and AWS Plate certification.

MAINTENANCE AND OPERATIONS

430091 PLUMBING AND PIPEFITTING 1 1 CREDIT

Plumbing and Pipefitting 1 is a one-credit course that provides students with fundamental plumbing principles and practices. Topics include basic plumbing safety, plumbing tools, oxyfuel cutting, motorized equipment, and various pipes, fittings, and materials. Upon completion of this course, students apply basic plumbing principles. This entry-level course may be taken as one of the optional technical courses with credit applied to the Industrial Maintenance Technology program. **Special Note:** Course offered at Bryant CTC **Grades: 10-12**

430092 PLUMBING AND PIPEFITTING 2 1 CREDIT

Plumbing and Pipefitting 2 is a one-credit course that enables students to read and follow schematics, diagrams, and rough-in sheets to install or repair plumbing fixtures and to troubleshoot and make repairs. Topics include commercial drawings, excavations, underground pipe installation, various drain installations, valve types, pipes, fittings, and electricity in plumbing. Upon completion of this course, students make plumbing repairs and install plumbing fixtures. Emphasis is placed on safety and testing water supply and drain lines. Hangers, supports, structural penetrations and fire-stopping materials are also covered. **Prerequisite:** Plumbing and Pipefitting 1
Special Note: Course offered at Bryant CTC **Grades: 10-12**

430093 PLUMBING AND PIPEFITTING 3 1 CREDIT

Plumbing and Pipefitting 3 is a one-credit course that covers proper methods for joining all types of pipe and fittings. Emphasis is on all plumbing materials, tools, supplies, equipment, and methods. Topics include fixtures, valves, faucets, drains, waste, vents, water distribution, water heater installation, fuel systems, and crew leader introductory skills. Upon completion of this course, students join various pipe and fittings; make plumbing repairs; test drain, waste, and vent (DWV) piping; and install plumbing fixtures. **Prerequisite:** Plumbing and Pipefitting 2
Special Note: Course offered at Bryant CTC **Grades: 10-12**

540061 MANUFACTURING 1 1 CREDIT

This is the first of 3 required one-credit courses in the Manufacturing Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of safety, tools, theory and practice for use in the manufacturing industry. Students are introduced to concepts describing manufacturing processes and production. This entry-level course is required for NCCER core credentialing and begins to prepare students for MSSC assessments for credentialing.

540062 MANUFACTURING 2 1 CREDIT

This is the second of 3 required one-credit courses in the Manufacturing Technologies Pathway. It is designed to address many core requirements for MSSC credentialing and to provide students with fundamental knowledge and skills emphasizing quality practices and measurement common to the manufacturing industry. Students explore concepts of manufacturing processes and production. This course prepares students for MSSC Technician assessment and credentialing.

540063 MANUFACTURING 3 1 CREDIT

This is the third of 3 required one-credit courses in the Manufacturing Technologies Pathway. It is designed to address many core requirements for MSSC credentialing and to provide students with fundamental knowledge and skills emphasizing maintenance awareness and practices common to the manufacturing systems. This course helps prepare students for MSSC Technician assessment and credentialing.

570062 NCCER HEAVY EQUIPMENT OPERATIONS 1 1 CREDIT

This is the first of 3 required one-credit courses in the Heavy Equipment Operations pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing safety, tools, measuring, blueprint reading and layout, and basic heavy equipment operation techniques leading to NCCER Heavy Equipment Operations Level 1 Credentialing. **Prerequisites:** None

570063 NCCER HEAVY EQUIPMENT OERATIONS 2 1 CREDIT

This is the second of 3 required one-credit courses in the Heavy Equipment Operations pathway. It is designed to provide students with practice and skills development emphasizing safety, applications and intermediate equipment operations techniques leading to NCCER Heavy Equipment Operations Level 1 Credentialing.
Prerequisites: NCCER Heavy Equipment Operations 1

570064 NCCER HEAVY EQUIPMENT OPERATIONS 3 1 CREDIT

This is the third of 3 required one-credit courses in the Heavy Equipment Operations pathway. It is designed to provide students with practice and skills development emphasizing safety, site layout, reading civil drawings, understanding soils leading to NCCER Heavy Equipment Operations Level 1 Credentialing.
Prerequisites: NCCER Heavy Equipment Operations 2

ARTS, A/V TECHNOLOGY, COMMUNICATIONS, & PRINTING TECHNOLOGY

440011 INTRODUCTION TO GRAPHIC ARTS 1 CREDIT

Introduction to Graphic Arts is a one-credit course. Students become aware of safety considerations, image preparation, press operations, and finishing operations in a laboratory setting. Mathematics skills are evaluated and reinforced as needed. Upon successful completion of the course, students exhibit skills enabling them to enter specialized advanced graphic art courses. This course is the prerequisite course for Digital File Preparation; Advanced Digital File Preparation; Camera, Image Assembly, and Plate Making; Offset Press Operations; and Binding and Finishing.
Special Note: Course offered at Faulkner CTC **Grades: 10-12**

440012 DIGITAL FILE PREPARATION 1 CREDIT

Digital File Preparation is a one-credit course providing practical application of skills in desktop publishing, page layout, and graphics. Upon completion of this course, students are able to prepare layouts for newsletters and other publications, solve related problems using appropriate mathematical skills, and are proficient in the manipulation of text and graphics to meet the standards of the graphic arts industry. **Prerequisite:** Introduction to Graphic Arts
Special Note: Course offered at Faulkner CTC **Grades: 10-12**

440013 ADVANCED DIGITAL FILE PREPARATION AND OUTPUT 1 CREDIT

Advanced Digital File Preparation and Output is a one-credit course that provides students with industry-focused laboratory experiences. Emphasis is placed on digital photography and imaging, file storage and transfer, and computer-to-plate operations. Upon completion of the course, students are able to create logo designs; digital page layouts; and multiple-page jobs with pagination, folds, and guides. **Prerequisite:** Introduction to Graphic Arts AND Digital File Preparation **Special Note:** Course offered at Faulkner CTC **Grades: 10-12**

440014 CAMERA, IMAGE ASSEMBLY AND PLATEMAKING 1 CREDIT

Camera, Image Assembly and Platemaking is a one-credit course designed to prepare students to become proficient in prepress skills. Emphasis is placed on camera operations to produce quality negatives, halftones flats, and plates using appropriate chemicals and equipment. Chemistry and mathematical skills are applied to solve related problems. **Prerequisite:** Introduction to Graphic Arts **Special Note:** Course offered at Faulkner CTC **Grades: 10-12**

440015 OFFSET PRESS OPERATIONS 1 CREDIT

Offset Press Operations is a one-credit course that offers practical experience in offset printing. Training includes safe operation and maintenances of equipment following instructions and specifications, make-ready process, and production of quality printed products. Students demonstrate problem-solving skills and become proficient in related mathematics and chemistry. **Prerequisite:** Introduction to Graphic Arts
Special Note: Course offered at Faulkner CTC **Grades: 10-12**

440016 BINDING AND FINISHING 1 CREDIT

Binding and Finishing is a one-credit course that offers students training in post-press finishing and binding operations. Students learn safe operation of equipment and proper techniques in paper cutting, folding, perforating, stitching, binding, drilling, and use of various finishing equipment. Students demonstrate problem- solving skills and become proficient in related mathematics. **Special Note:** Course offered at Faulkner CTC **Grades: 10-12**

440019 TELEVISION PRODUCTION-STUDIO OPERATIONS 1 CREDIT

Television Production-Studio Operations is a one-credit course that provides students with opportunities to participate in real-world laboratory experiences. They perform specialized roles in a regularly scheduled television program with students specializing in Writing, Producing, Performing, Photography and Editing. Students who successfully complete this course are prepared for Advanced Television Production, further study in the television, film and communications industry at college level or for entry-level positions in the television, film and communication industry.
Prerequisite: Introduction to Television Production **Special Note:** Course offered at LeFlore **Grades: 10-12**

440020 TELEVISION PRODUCTION-PHOTOGRAPHY AND EDITING 1 CREDIT

Television Production—Photography and Editing is a one-credit course that provides students with a variety of real-world learning opportunities through laboratory experiences in photography and editing. Students perform specialized roles in a regularly scheduled television program together with students specializing in Writing, Producing and Performing, and Studio Operations. Students who successfully complete this course are prepared for Advanced Television Production, further study at the college level, or for entry-level positions in the television, film and communications industry. **Prerequisite:** Introduction to Television Production
Special Note: course offered at LeFlore **Grades: 10-12**

440021 ADVANCED TELEVISION PRODUCTION 1 CREDIT

Advanced Television Production is a one-credit course that provides students with the opportunity to create and market video productions. Students work independently or in groups to create special long-term projects that may vary from a few weeks to several months. Students who successfully complete this course are prepared for further study at the college level or for entry-level positions in the television, film and communications industry. Students participate in Skills USA as an integral part of the instructional program. **Prerequisite:** Introduction to Television Production AND at least one (1) of the Television Production Courses: Writing, Producing and Performing; Studio Operations; or Photography and Editing. **Special Note**: Course offered at LeFlore **Grades: 10-12**

440017 INTRODUCTION TO TELEVISION PRODUCTION 1 CREDIT

Introduction to Television Production is a one-credit course that provides students with a basic overview of television production skills and professions. Students participate in classroom and laboratory activities regarding all aspects of television-performance, production, and operations. Upon successful completion of this course, students are prepared for a specialized high school course or for further study in television, film and communications at the college level. This course is a prerequisite for Television Production – Writing, Producing and Performing; Television Production – Studio Operations; Television Production – Photography and Editing; and Advanced Television Production.
Special Note: Course offered at LeFlore **Grades: 10-12**

440032 DIGITAL DESIGN 1 CREDIT

Digital Design is a one-credit course designed for students who have successfully completed the Introduction to Advertising Design course or have completed one credit in Visual Arts. Digital Design provides students with hands-on experiences addressing a variety of components of information design. Instruction includes information regarding various computer operations, applications and procedures, type styles, desktop publishing, layout and design techniques, mechanical production files, formats, and technology in the work place. Skills gained in this course prepare students for the Graphic Illustration course, the next level of study in the Advertising Design program.
Prerequisite: Introduction to Advertising Design **Special Note:** Course offered at LeFlore **Grades: 10-12**

440033 GRAPHIC ILLUSTRATION 1 CREDIT

Graphic Illustration is a one-credit course that provides students with experiences and instruction in object and information design. Students apply the elements of design and sharpen visual communication skills. They design projects, allowing them to manipulate graphic applications and demonstrate mastery of these skills. Topics of study include interior design, fashion illustrations, computer and hand drawings, exploration of software, package design, typography, and digital photography. Skills developed in these areas prepare students for the final course in the sequence, Studio and Portfolio. **Prerequisite:** Digital Design **Special Note:** Course offered at LeFlore

440034 STUDIO AND PORTFOLIO 1 CREDIT

Studio and Portfolio is a one-credit course that provides students with the opportunity to create a wide variety of art projects utilizing traditional and electronic portfolio presentations. Instruction allows students to focus on safety, studio projects, portfolio organization, and exhibitions in environment design. Students plan and execute a public showing of their portfolios, which involves preparing their work for presentation; selecting a date from a given timeline to exhibit, design, print, and mail invitations; and preparing a reception. They are encouraged to participate in a variety of local, state, and national contests and scholarship and volunteer programs that will enhance their portfolios and broaden their experiences. This course prepares students for postsecondary education and entry-level positions in the area of advertising design. **Prerequisite:** Introduction to Advertising Design AND Digital Design AND Graphic Illustration
Special Note: Course offered at LeFlore **Grades: 10-12**

VISUAL ARTS

440041 INTRODUCTION TO ANIMATION AND VISUAL COMMUNICATION 1 CREDIT

Introduction to Animation and Visual Communication is a one-credit course that introduces students to the animation industry. Emphasis is placed on safety in a laboratory and studio environment. Students apply the principles of animation to visually communicate thoughts, feelings, and ideas. Topics of study include animation history, criticism, production, and materials and media utilized in the field. Successful completion of this course prepares students for subsequent courses in animation. **Special Note:** Course offered at LeFlore, B.C. Rain **Grades: 10-12**

440042 ANIMATION LAYOUT 1 CREDIT

A one-credit course that provides students with the opportunity to explore illustration relative to settings, locations, and environments for animated film. Intro to Animation and Visual Communication or a satisfactory portfolio review by the instructor is the prerequisite for this course. A school-based studio is required for this course.

440044 STORYBOARDING 1 CREDIT

Storyboarding is a one-credit course that provides students with the opportunity to visually illustrate and communicate ideas, themes, locations, and emotions. Storyboards are created through a variety of electronic, traditional, and digital media. Successful completion of this course prepares students for the Animated Filmmaking course and entry-level careers in Storyboarding. **Prerequisite:** Introduction to Animation and Visual Communication OR Animation Layout OR satisfactory portfolio review by instructor **Special Note:** Course offered at LeFlore and B.C. Rain **Grades: 10-12**

440051 INTRODUCTION TO COMMERCIAL PHOTOGRAPHY 1 CREDIT

Introduction to Commercial Photography is a one-credit course that provides students with the opportunity to experience practical training in current and emerging photographic technology. The curriculum is based on industry standards designed to provide specialized skills and technical knowledge relevant to photography. Students focus on the basics in camera, film development, darkroom procedures, safety, history, and composition principles. This course is the prerequisite for Medium Format Photography and Large Format Photography.
Special Note: Course offered at LeFlore **Grades: 10-12**

440052 MEDIUM FORMAT PHOTOGRAPHY 1 CREDIT

Medium Format Photography is a one-credit course designed to provide students with skills in studio techniques, photographic theory, medium format, and digital imaging. This course emphasizes portfolio development for students to apply for employment, scholarships, and college admissions.
Prerequisite: Introduction to Commercial Photography **Special Note:** Course offered at LeFlore

440053 LARGE FORMAT PHOTOGRAPHY 1 CREDIT

Large Format Photography is a one-credit course that provides students with the skills needed to effectively organize, develop, create, and manage a business. This course focuses on broad, transferable skills and strategies for commercial photography, including studio operation, leadership, training, and advanced operation in large digital photography.
Prerequisite: Introduction to Commercial Photography **Special Note:** Course offered at LeFlore **Grades: 10-12**

TRANSPORTATION, DISTRIBUTION AND LOGISTICS, FACILITIES AND MOBILE EQUIPMENT MAINTENANCE

570004 TRANSPORTATION, DISTRIBUTION, AND LOGISTICS 1 CREDIT

Automotive Engine Performance 1 is a one-credit course that provides students with the knowledge and skills regarding general engine diagnosis, computerized engine controls, ignition systems, and emission control systems. Strong emphasis is placed on system and component operations. Upon successful completion of the course, students are able to diagnose and repair engine performance-related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. The content standards, task list, tools and equipment, program hours, and safety standards must meet Automotive Service Excellence (ASE) and the National Automotive Technicians Education Foundation (NATEF) requirements. Content is designed to incorporate changes in ASE and NATEF standards, and advisory council recommendations. **Special Note:** Course offered at Bryant CTC, Citronelle, and Faulkner CTC **Grades: 10-12**

570030 PAINTING AND REFINISHING 1 1 CREDIT

A one-credit course designed to provide students with an introduction to current technologies in the basic principles of automotive finishes.

570031 PAINTING AND REFINISHING 2 1 CREDIT

A one-credit course that provides students with specialized classroom and laboratory experiences in the application of various topcoats. Painting and Refinishing I is the prerequisite for this course.

570032 PAINTING AND REFINISHING 3 1 CREDIT

A one-credit course designed to provide students with advanced hands-on experiences with the technology associated with automotive final detail finishes and the principles of collision cost estimating. Painting and Refinishing II is the prerequisite for this course.

570033 NONSTRUCTURAL ANALYSIS DAMAGE REPAIR 1 1 CREDIT

A one-credit course that provides students with current and emerging technologies in analysis and repair of collision-damaged nonstructural components.

570034 NONSTRUCTURAL ANALYSIS DAMAGE REPAIR 2 1 CREDIT

A one-credit course that provides specialized advanced classroom and laboratory experiences in the application of current and emerging technologies for methods, equipment, and processes used to inspect, measure, repair, and replace nonstructural components. The prerequisite for this course is Nonstructural Analysis and Damage Repair I.

570035 STRUCTURAL ANALYSIS AND DAMAGE REPAIR 1 CREDIT

A one-credit course that provides students with classroom and laboratory instruction in methods of determining structural misalignment and the processes used to affect repairs.

570036 MECHANICAL AND ELECTRICAL COMPONENTS 1 1 CREDIT

A one-credit course that provides students with classroom instruction and laboratory experiences in collision-related mechanical repairs.

570037 MECHANICAL AND ELECTRICAL COMPONENTS 2 1 CREDIT
A one-credit course that provides students with instruction and laboratory experiences in collision-related mechanical and electrical troubleshooting and repairs. Mechanical and Electrical Components I is the prerequisite for this course.

570038 COLLISION REPAIR METAL WELDING AND CUTTING 1 CREDIT
A one-credit course that provides students with classroom and laboratory experiences in various automotive cutting and welding processes.

570010 AIRFRAME SYSTEMS 1 CREDIT
A one-credit course providing students with basic knowledge and skills related to aircraft systems rigging and weight and balance. At the conclusion of this course students are able to safely apply techniques to rig and balance aircraft for maintenance activities.

570011 AIRCRAFT NONMETALLIC STRUCTURES 1 CREDIT
A one-credit course designed to introduce students to the basic knowledge and skills required to inspect and repair non-metallic aircraft surfaces and structures.

570012 AIRCRAFT THEORY OF FLIGHT AND OPERATION 1 CREDIT
A one-credit course designed to provide students with the basic theory of flight, aircraft nomenclature, aircraft construction and basic aircraft operating controls.

570013 AVIATION TURBINE ENGINE THEORY AND INSPECTIONS 1 CREDIT
A one-credit course providing students with the basic knowledge and skills associated with aviation turbine engine theory and inspection.

570014 AIRCRAFT ENGINE AND PROPELLER THEORY AND OPERATION 1 CREDIT
A one-credit course providing students with basic knowledge and skills associated with aircraft engine and propeller theory and operation.

570015 AIRCRAFT SHEET METAL STRUCTURES 1 CREDIT
A one-credit course that provides students with basic instruction and experiences in maintaining aircraft sheet metal structures.

570017 AIRCRAFT WELDING 1 CREDIT
A one-credit course introducing students to materials and techniques used for aircraft welding.

410011 SAFTEY AND HEALTH REGULATIONS 1 CREDIT
A one-credit course designed to provide students with an understanding of basic safety standards, governmental and industry regulations, and individual responsibilities in workplace safety and health practices. Content focuses on identifying common safety hazards and minimizing or avoiding unsafe practices. **Grades: 10-12**

570080 SENIOR CAREER PATHWAY PROJECT – TRANSPORTATION, DISTRIBUTION, AND LOGISITICS 1 CREDIT
A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.
Grades: 10-12

COMMERCE AND INFORMATION TECHNOLOGY

MRS. JUANITA VEAL, SUPERVISOR
jveal@mcpss.com **221-4167**

The mission of Commerce & Information Technology is to provide students with the knowledge and skills necessary for economic success in the twenty-first century. This dynamic and challenging program prepares students for the accelerated changes taking place in the competitive business world.

The opportunities available to students in Commerce & Information Technology are centered on four clusters:

1. Business, Management and Administration
2. Finance
3. Information Technology
4. Marketing

Commerce & Information Technology student organizations (FBLA – Future Business Leaders of America, DECA and SkillsUSA) are an integral part of classroom instruction. These co-curricula organizations provide students with opportunities to develop leadership skills through activities that are member-planned, member-directed, and member-centered. Participation in student organizations enables students to develop skills and competence for business/marketing careers, to build self-esteem, to experience leadership, and to practice community service.

1. BUSINESS, MANAGEMENT AND ADMINISTRATION CLUSTER
The Business, Management and Administration cluster prepares students with the fundamental knowledge and skills for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Instruction is flexible and focuses on quality performance in the skill areas of organization, time management, customer service and communication. In addition, students learn ways in which technology, globalization and regulatory issues affect the day-to-day operation of businesses.

2. FINANCE CLUSTER
Courses in the Finance cluster include specific content standards that tell what students should know and be able to do at the end of each course. Students who are likely to be successful in careers in the Finance cluster are those who tend to be focused, analytical and methodical, and who can be trusted with confidential information.

3. INFORMATION TECHNOLOGY CLUSTER
Courses in the Information Technology cluster include significant technical depth, as well as information technology concepts and terminology. Information is also provided regarding possible credentialing or certification.

4. MARKETING
The Marketing cluster prepares learners for careers in planning, managing and performing marketing activities to reach organizational objectives.

For questions regarding course descriptions and/or course numbers, please contract supervisor listed above.

BUSINESS MANAGEMENT AND ADMINISTRATION

450006 BUSINESS TECHNOLOGY APPLICATIONS 1 CREDIT

This course is designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications. Simulations and projects promoting teamwork, leadership, and workplace skills offer further opportunities for applications of knowledge and skills. **Grades: 10-12**

450031 ADVANCED BUSINESS TECHNOLOGY APPLICATIONS 1 CREDIT

This course is designed to provide students with the project-based applications of concepts learned in Business Technology Applications or Business Essentials. Personal computing and business skills are integrated throughout the course students use a variety of software applications to produce and prepare documents for publication and learn how to select appropriate software for generating information.

Prerequisite: Business Technology Applications **Grades: 10-12**

450007 BUSINESS ESSENTIALS 1 CREDIT

This course is designed for students to develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in commerce and information technology careers. Students examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources are managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. **Grades: 10-12**

410023 LAW AND SOCIETY 1 CREDIT

This course is designed to acquaint students with the basic legal principles common to business and personal activities. This course is an overview of criminal, civil, contract, and consumer law. Topics include evaluating contracts, purchasing appropriate insurance, interpreting state and federal criminal law, and representing other businesses as employee or contractor. **Grades: 10-12**

480011 MANAGEMENT PRINCIPLES 1 CREDIT

A one-credit course designed to provide students with an understanding of the organizational functions of businesses, including quality concepts, project management, and problem solving. Specific content standards to be included in each of the courses are indicated in the Course of Study chart.

410016 MULTIMEDIA DESIGN 1 CREDIT

This course is designed to provide students with hands-on skills involving graphic design, digital photography, Web publishing, and digital video production. Students use various hardware peripherals and software for completing documents. **Grades: 10-12**

410017 MULTIMEDIA PUBLICATIONS 1 CREDIT

A one-credit course designed to provide students with the ability to utilize digital equipment and multimedia digital imaging software, produce interactive media projects, and develop publication layouts. Students use various hardware peripherals as well as the Internet for integrating skills to create a variety of publications. **Grades: 10-12**

FINANCE

400021 **PERSONAL FINANCE** **1 CREDIT**

A one credit course designed to introduce students to the management of personal and family resources to achieve personal goals and financial literacy.

450021 **BUSINESS FINANCE** **1 CREDIT**

A one credit course designed to provide students with an overview of the principles of business finance. The curriculum focuses on economics, marketing, accounting procedures, and the global financial market. Specific content standards to be included in each of the courses are indicated in the Course of Study chart.

470011 **BANKING AND FINANCIAL SERVICES** **1 CREDIT**

This course is designed to help students develop skills related to banking and related services as they process customer transactions, maintain cash drawer, process documents, and respond to customer requests to provide other customer services. Students employ technical skills to perform data processing functions as well as to perform new account functions. Applicable skills are utilized by practicing lending functions, including aiding the customer in determining the best loan alternative, processing the customer's application to include appropriate information, and processing the loan to complete transactions. **Grades: 10-12**

470012 **ACCOUNTING** **1 CREDIT**

This course is designed to help students understand the basic principles of the accounting cycle. This course provides a comprehensive introduction to basic financial accounting, including analyzing and recording business transactions, preparing and interpreting financial statements, demonstrating generally accepted accounting principles, and performing banking and payroll activities. **Grades: 10-12**

470013 **ADVANCED ACCOUNTING** **1 CREDIT**

This course is designed to provide students with an increased emphasis on accounting principles and techniques for solving business problems and making financial decisions. This course includes adjusting inventory control systems; applying accounting procedures for revenues, expenses, and loans; and enhancing accounting skills.
Prerequisite: Accounting **Grades: 10-12**

470021 **FINANCIAL MANAGEMENT** **1 CREDIT**

This course is designed to provide students with an overview of financial and investment planning procedures. Students interpret financial data to develop short- and long-term budgetary plans, produce accurate reports, and make informed business decisions. Students develop product knowledge related to financial and investment planning by examining characteristics for distinguishing among stocks, bonds, and commodities and between insurance and annuity products.
Grades: 10-12

INFORMATION TECHNOLOGY

520005 INFORMATION TECHNOLOGY FUNDAMENTALS 1 CREDIT

Information Technology introduces students to the knowledge base and technical skills for information technology careers. Students study the nature of business and demonstrate knowledge of the functions of information systems in business. Emphasis is placed on maintaining a safe working environment and on building interpersonal skills needed for working in the information technology environment. Students demonstrate appropriate knowledge and behaviors of legal responsibilities by information technology professionals. Students explore a variety of information technology career opportunities and develop a personal career plan to meet their career goals and objectives.
Foundations Course **Grades: 10-12**

410018 INFORMATION TECHNOLOGY SUPPORT AND SERVICES 1 CREDIT

This course is designed to provide students with knowledge of computer hardware, operating systems, and computer software applications. This course provides students with additional skills necessary to effectively plan, develop, and administer both a local area network (LAN) and a wide area network (WAN). **Grades: 10-12**

410019 COMPUTER MANAGEMENT AND SUPPORT 1 CREDIT

Computer Management and Support is designed to provide students with skills necessary to manage a stand-alone computer on a home network. Topics in this course include computer hardware, computer operating systems, network architecture, network protocols, career opportunities, and network design and security. **Grades: 10-12**

520007 COMPUTER SCIENCE A, ADVANCED PLACEMENT (AP) 1 CREDIT

A one-credit college-level course following the curriculum established by the College Board Advanced Placement (AP-Program) for computer science; emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development. **Grades: 10-12**

520018 COMPUTER SCIENCE PRINCIPLES, ADVANCED PLACEMENT (AP) 1 CREDIT

A one-credit designed to introduce students to the central ideas of computing and computer science. The course content is focused on creativity, abstraction, algorithms, programming, Internet/networking, and societal impact.
Grades: 10-12

520021 NETWORKING I 1 CREDIT

Networking I is a one-credit course designed to provide students with skills involving hands-on learning by installing a router, configuring a server, and performing disaster recovery. This course includes a strong emphasis on proper safety practices and industry ethics. **Prerequisite:** Information Technology Fundamentals **Grades: 10-12**

520022 NETWORKING II 1 CREDIT

Networking II is a one-credit course designed to provide students with skills involving hands-on learning by installing a router, configuring a server, and performing disaster recovery. This course includes a strong emphasis on proper safety practices and industry ethics. **Prerequisite:** Networking I **Grades: 10-12**

520023 NETWORKING III 1 CREDIT

Networking III is a one-credit course designed to provide students with skills needed to perform routing and switching in an enterprise network. Students configure a switch with virtual local area networks (VLANs) and inter- switch communication. Students perform troubleshooting using a structured methodology.
Prerequisite: Networking II **Grades: 10-12**

520024 NETWORKING IV **1 CREDIT**

Networking IV is a one-credit course designed to provide students with skills needed to design and support computer networks. Students learn the technical skills and soft skills needed to succeed in entry-level networking professions. **Prerequisite:** Networking III **Grades: 10-12**

520015 SOFTWARE DEVELOPMENT **1 CREDIT**

Software Development is designed to provide students with an introduction to the C++ programming language, structured elements of C++, classes, data, abstractions, inheritance, polymorphism, storage management, and a C++ programming environment. Simple programming exercises will reinforce the theory and stimulate understanding. Prerequisite: It is recommended that Information Technology Fundamental be taken prior to this course. **Grades: 10-12**

520014 JAVA PROGRAMMING **1 CREDIT**

Java Programming is a one-credit course designed to provide students with a conceptual understanding of object-oriented programming. Students learn to use Java language's object-oriented technologies to solve business problems. Topics also include language fundamentals and the Java language application programming interface (API). Students create classes, objects, and applications using Java language. **Grades: 10-12**

924017 INTRODUCTION TO GAME DESIGN DUAL ENROLLMENT (CAP 104) **1 CREDIT**

This course is designed to introduce the students to the theory of game design and production using industry software and related technologies. Upon completion students should be able to demonstrate technical and creative aspects of game development. **Special Note**: Offered At Vigor High School

924018 INTRODUCTION TO COMPUTER PROGRAMMING FOR 3D (CAP 105) **1 CREDIT**

This course is designed to introduce fundamental concepts of computer programming as applied to 3D modeling software and game engines. Upon completion students should be able to demonstrate knowledge of industry programming language. **Special Note:** Offered At Vigor High School

MARKETING

400017 ENTREPRENEURSHIP **1 CREDIT**

A one-credit course designed to provide students with the skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. **Grades 10-12**

550012 INTERNET MARKETING **1 CREDIT**

Internet Marketing is a one-credit course which focuses on applying tools, strategies and processes to communicate digitally with targeted customers. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, mobile marketing, search-engine optimization, video/images and podcasts/webcasts. Students will apply project management techniques to guide and control digital communications efforts. They will also create and repurpose content for use in digital environments. Technology, employability skills, leadership and communications will be incorporated in classroom activities. **Grades: 10-12**

550013 SPORTS AND ENTERTAINMENT MARKETING FUNDAMENTALS 1 CREDIT

Sports and Entertainment Marketing is a one-credit specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Entertainment Marketing includes evens such as fairs, concerts trade shows, festivals, plays, product launches, and causes. Students will develop skills in the areas of merchandising, advertising, public relations/publicity, even marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry. Students will foster a realistic understanding of the business environment in which marketing activities are performed and develop an understanding and appreciation of business ethics. Technology, employability skills, leadership and communications will be incorporated into classroom activities. **Grades: 10-12**

410026 COMMERCE COMMUNICATION 1 CREDIT

A one-credit course that deals with the operation and management of advertising and promotion functions in marketing. The prerequisite for this course is Business Essentials or Business Technology Applications. Specific content standards to be included in each course are indicated in the Course of Study chart. **Grades: 10-12**

550011 MARKETING PRINCIPLES 1 CREDIT

This course is designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling. Students examine the need for sales and marketing strategies. Students practice customer relationship skills, ethics, technology applications, and communicating in the workplace. **Grades: 10-12**

550021 SALES AND PROMOTION PLANNING 1 CREDIT

This course provides the tools necessary for the development, implementation, and management of promotional programs. The focus of this course is on utilizing promotional knowledge and skills for communicating information to achieve a desired outcome. Students develop skills related to advertising, publicity, special events, visual merchandising, displays, promotional campaigns, and advertisements to aid in promotional planning. They learn to manage the sales function to determine client needs and wants and to respond through planned, personalized communication. **Grades: 10-12**

530004 PRINCIPLES OF PUBLIC SERVICE 1 CREDIT

A one-credit course designed to introduce students to the competencies related to public service job preparatory programs. Students develop knowledge and skills in fire management services, legal services, and law enforcement services. **Grades: 9-12**

530021 INTRODUCTION TO LAW AND THE AMERICAN LEGAL SYSTEM 1 CREDIT

A one-credit course designed to introduce students to fundamental areas of law, the American legal system, and legal professions. Emphasis is placed on history and development of law, sources of law in society, civil law, criminal law and procedure, ethics and the justice system, reasoning skills, trial procedures, communication, and research skills.
Grades: 9-12

530022 INTRODUCTION TO CRIMINAL JUSTICE 1 CREDIT

A one-credit course designed specifically for students interested in criminal justice careers. The curriculum focuses on careers, ethics and professionalism, constitutional and criminal laws, court system, trial processes, juvenile justice and correctional systems, and human diversity. **Special Note:** Offered At Leflore High School

530023 POLICE PATROL **1 CREDIT**

A one-credit course designed to assist students in developing competencies in law enforcement. Emphasis is placed on patrol procedures, written reports, traffic control, defensive tactics, physical wellness and job-related health issues, business security, and drug enforcement. **Special Note:** Offered At Leflore High School

530011 INTRODUCTION TO FIRE SCIENCE **1 CREDIT**

A one-credit course designed to introduce students to the basic principles and procedures of fire fighting. Emphasis is placed on safety, fire behavior, communication equipment, fire extinguishers, structural design, personal protective equipment, ropes and knots, search and rescue, ground ladders, ventilation, fundamentals of a water supply system, fire hose, and water streams. **Special Note:** Offered At Leflore High School

410024 EMERGENCY SERVICES **1 CREDIT**

A one-credit course that introduces students to the emergency medical profession. Course content emphasizes safety, human structure and function, assessment of emergency clients, ethical behavior, and emergency care procedures. **Special Note:** Offered At Leflore High School

530012 FIREFIGHTING **1 CREDIT**

A one-credit course designed to provide students with instruction in techniques of fire fighting. Emphasis is placed on safety, fire prevention and control, hazardous materials, sprinkler systems, first responder, and public relations. The prerequisite for this course is Introduction to Fire Science. **Special Note:** Offered At Leflore High School





FAMILY STUDIES AND COMMUNITY SERVICES

MRS. DANIELLE BOOTH, SUPERVISOR
dbooth@mcpss.com **221-4027**

The three clusters for Family and Consumer Sciences are: Hospitality and Tourism, Education and Training, and Human Services. Each cluster has a required foundation course. An integral part of the instructional program within the clusters is Family, Career and Community Leaders of America (FCCLA) and Skills USA for the Cosmetology Pathway. Students learn leadership skills, develop critical-thinking skills, and gain career preparation skills through participation in local, state and national programs such as community service and competitive events.

HOSPITALITY AND TOURISM CLUSTER

In the Hospitality and Tourism cluster, students choose one of two pathways: Recreation, Travel and Tourism or Restaurant and Food and Beverage Services. Each course contains specific content standards indicating what students should know and be able to do upon completion of each course. The foundation course, Hospitality and Tourism, is the prerequisite course for entering any pathway within the cluster.

HUMAN SERVICES CLUSTER

In the Human Services cluster, students choose one of six pathways: Consumer Services; Fashion; Food, Wellness and Dietetics; Early Childhood Development and Services; Family Studies and Community Services; or Cosmetology. Each course contains specific content standards indicating what students should know and be able to do upon completion of the course. The foundation course for Human Services is Family and Consumer Science. The foundation course for Cosmetology is Introduction to Cosmetology. These courses incorporate knowledge and skills related to the Human Services cluster.

EDUCATION AND TRAINING CLUSTER

In the Education and Training Cluster, students choose one of three pathways: Teaching and Training, Early Childhood Education or Administration and Professional Support Services. One required foundation course, five related pathway courses and six specialized pathway courses are offered in this cluster. Credentialing opportunities and articulation of courses with post-secondary institutions provide the basis for identifying courses and course content for each pathway. Each course contains specific content standards indicating what students should know and be able to do upon completion of the course. These courses incorporate knowledge and skills related to the Education and Training Cluster.

HOSPITALITY AND TOURISM

500011 **HOSPITALITY AND TOURISM (FOUNDATION COURSE)** **1 CREDIT**

Hospitality and Tourism is a one-credit course. This course is the prerequisite for all pathways included in the Hospitality and Tourism cluster. Major topics include introduction to hospitality and tourism, recreation, travel and tourism, lodging, restaurants and food and beverage services, safety and sanitation, customer relations, and quality services. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry. **Grades: 10-12**

500012 CULINARY ARTS 1 **1 CREDIT**

Culinary I introduce students to basic food production, management, and service activities in both the back- and-front-of-the- house. Emphasis is placed on sanitation, safety, and basic food preparation. Skills in mathematics, science, and communication are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry. **Grades: 10-12**

500013 CULINARY ARTS 2 **1 CREDIT**

Culinary II provides advanced experiences in food production, management, and service. Topics include food service operations, advanced food production, and professionalism. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School- based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry. **Grades: 10-12**

500021 TRAVEL AND TOURISM 1 **1 CREDIT**

Topics focus on the development, research, packaging, promotion, and delivery of a traveler's experiences that may include creating guide books, planning trips and events, managing a customer's travel plans, or overseeing a convention center. **Prerequisite:** Hospitality and Tourism **Grades: 10-12**

500022 TRAVEL AND TOURISM 2 **1 CREDIT**

Topics focus on economics, marketing and operations, admissions, safety and security, and local and regional tourism markets. **Prerequisite:** Travel and Tourism I **Grades: 10-12**

510008 ENTREPRENEURSHIP IN FAMILY AND CONSUMER SCIENCES **1 CREDIT**

This is a one-credit course taught in grades 9-12 that includes the necessary knowledge and skills to own and operate a business. The course content focuses on business and financial planning, personnel management, marketing principles, business and labor laws, legal rights and responsibilities of ownership and communication. Other topics to be taught are market research, purchasing process system, distribution systems, warehouse and inventory control, salesmanship, sales promotion and theft control that influence the flow of goods and services form producer to consumer. Students are prepared to create and manage their own Family and Consumer Science business or embark on a career related to business development. The family and consumer sciences laboratories will be used to provide activity-oriented experiences for developing entrepreneurial skills, manufacturing products, and providing services. **Grades: 10-12**

500014 BAKING AND PASTRY ARTS **1 CREDIT**

Baking and Pastry Arts is a one-credit course taught in grades 9-12. This course is designed to provide students with the principles of baking and pastry techniques. This course includes baking technologies, equipment, and preparation procedures, production methods, pastry methods, science of bread baking, confections and desserts, showpieces, cost control, food safety, and presentation techniques to create fundamental baking to the latest baking and pastry trends. If seeking articulated credit, the Hospitality and Tourism, Culinary Arts 1, and Culinary Arts II courses are required prerequisites for this course. If Baking and Pastry Arts is not being used for articulated credit, Hospitality and Tourism and Culinary Arts I are required prerequisites to the course. **Grades: 10-12**

500015 EVENT PLANNING 1 CREDIT

This is a one-credit course taught in grades 9-12. Students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients include planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of events. Students demonstrate leadership characteristics and make decisions based on integrating knowledge of financial, human resources, promotion, and event management principals. Students are prepared for various career opportunities in event planning.

500023 SPORTS, RECREATION, AND ENTERTAINMENT MANAGEMENT 1 CREDIT

Sports, Recreation, and Entertainment Management is a one-credit course taught in grades 9-12. This is a course designed to provide students with an opportunity to gain in-depth knowledge and skills related to growing sports, recreation, and entertainment industries. The concepts of facility design, merchandising, advertising, public relations/ publicity, event marketing, sponsoring, tickets distributions and careers related to these industries are the major concepts addressed in the course. **Grades: 10-12**

510013 CHEMISTRY OF FOOD 1 CREDIT

A one-credit course designed to provide an in-depth study of the application of science principles to the scientific investigation of the production, processing, preparation, evaluation, and utilization of food. A school-based laboratory is required for this course.

510014 DIETETICS 1 CREDIT

This course provides students with advanced knowledge and skills used in nutrition and dietetics. Major topics including nutrition, meal planning, safety, food science, and professional behavior. **Grades: 10-12**

510016 FOOD INNOVATIONS AND MEDIA 1 CREDIT

Food Innovations and Media is a one-credit course taught in grades 9-12. This course is designed to introduce students to the process of developing new food products for marketing, or adapting traditional ones to meet specific nutrition and marketing needs, and to follow consumer trends while utilizing a variety of technology. Course content provides opportunities for students to explore global food systems; examine trends in food processing and food innovations; research influences on purchasing behavior of consumers; develop and analyze recipes for new food product through experimental food labs; apply social media and digital design techniques, photographic styling applications, and journalism skills; and explore career options in this specific food industry. **Grades: 10-12**

510017 SPORTS NUTRITION 1 CREDIT

Sports nutrition is a one-credit course taught in grades 9-12. This course is designed for students interested in health, fitness, and sports performance. This course examines the relationship between nutrition, physical performance, and overall wellness. Students will learn how to choose nutritious foods for healthy lifestyles and peak performance of athletes. Health and disease prevention through nutrition, physical activity, and wellness practices are essential components of the course. This course emphasizes he metabolic process and management of food choices for optimal health and physical performance. Students are challenged to develop personal fitness and nutrition plans.
Grades: 10-12

HUMAN SERVICES

510004 FAMILY AND CONSUMER SCIENCES (FOUNDATION COURSE) 1 CREDIT

This course is designed to assist students in recognizing the roles, responsibilities, and importance of the family. Course content provides opportunities for students to explore characteristics of strong families; family customs and traditions; healthy relationships, marriage readiness; parenting issues; consumer behavior; clothing, housing, and food needs throughout the life span; effects of technology on the family; and career options related to family and consumer sciences and human services. **Grades: 10-12**

510011 FOOD AND NUTRITION 1 CREDIT

Topics include the impact of daily nutrition and wellness practices on long-term health and wellness; physical, social, and psychological aspects of healthy nutrition and wellness choices; selection and preparation of nutritious meals and snacks based on USDA Dietary Guidelines, including the Food Guide Pyramid; safety, sanitation, storage, and recycling processes and issues associated with nutrition and wellness; impacts of science and technology on nutrition and wellness issues; and nutrition and wellness career paths. **Grades: 10-12**

510013 CHEMISTRY OF FOOD 1 CREDIT

The course provides in-depth study of the application of science principles to scientific investigation of the production, processing, preparation, evaluation, and utilization of food. The course utilizes the scientific method to study scientific concepts and theories in the context of nutrition and foods. Students are expected to achieve academic standards and competencies from chemistry, biochemistry, biology, and some physics at the analysis, synthesis, and evaluation levels in this specialized area of study. Students develop critical reasoning and mathematical and writing skills through a variety of higher-level learning strategies and laboratory experiments that require measuring, recording, graphing, and analyzing data; predicting and evaluating laboratory results; and writing laboratory reports. The course highlights nutrition concepts and explores the various relationships between food science and nutrition.
Prerequisite: Hospitality and Tourism **Grades: 10-12**

510014 DIETETICS 1 CREDIT

The course provides students with advanced knowledge and skills used in nutrition and dietetics. Major topics included nutrition, meal planning, safety, food science, and professional behavior. **Grades: 10-12**

510021 CHILD DEVELOPMENT 1 CREDIT

This course helps students develop skills related to the physical, social, intellectual, and emotional development of children. Course content provides opportunities for exploring benefits of studying children, stages of development, child development theories, child health and safety, behavior management, child abuse, needs of exceptional children, childcare services, community resources, technology, and career opportunities related to working with children. Observational experiences are encouraged in this course. **Grades: 10-12**

510023 PARENTING **1 CREDIT**

The course allows students to focus on parenting roles and responsibilities. Course content provides opportunities for students to explore family structures and stages of the family life cycle; roles and responsibilities of parents across the life span; factors influencing the decision to become a parent; preparation for parenthood; birth defects; challenges of teen pregnancy and parenthood; signs and changes in pregnancy; prenatal development, labor, and delivery; stages of child development; children with exceptionalities; meeting physical, health, and safety needs of children and adolescents; positive parent-child relations; guidance and discipline of children and adolescents; sources of parenting information, support, and assistance; technology impacting parenting; and career opportunities related to parenting. Observational experiences are encouraged in this course. **Grades: 10-12**

510025 CHILD SERVICES 1 **1 CREDIT**

This course includes content that helps students learn about child growth and development and ways to provide services to children. Major topics included in this course are types of child services; career options; roles and functions of individuals engaged in child services occupations; developmental theories; physical, intellectual, social, and emotional development of children; family influences; large and small motor skill development; safe learning environments; child nutrition; emergency procedures; disadvantaging conditions of children; observation of children; exceptional children; communication skills; local, state, and national agencies supporting children; professionalism and ethics; health and hygiene practices; and technology. Observational experiences are encouraged in this course.
Special Note: Currently offered at Faulkner CTC **Grades: 10-12**

510026 CHILD SERVICES 2 **1 CREDIT**

The prerequisite for this course is Child Services 1. The course includes content that helps students learn about the management of child service facilities. Major topics included in this course are guidance techniques; parenting philosophies; communications; curriculum development; evaluation of services; first aid and emergency response plans; learning environments; development of policies and procedures; facility design; role of directors and staff; federal, state, and local regulations and licensure requirements; work environments; nutritional needs of clients; budgets; parent and community relationships; professionalism; and entrepreneurial opportunities. Observational experiences are encouraged in this course.
Prerequisite: Child Services 1 **Special Note:** Currently offered at Faulkner CTC **Grades: 10-12**

510041 FASHION **1 CREDIT**

The course introduces students to the selection and care of clothing and accessories for individuals and families. Course content provides opportunities for students to explore factors that influence apparel choice, apparel history, current fashion trends, proper care and maintenance of apparel, laws and legislation regarding the apparel industry, apparel design, apparel repair and construction, wardrobe planning, technology in the apparel and textiles industry, and career options in the apparel and textile industries. **Grades: 10-12**

510044 FASHION DESIGN **1 CREDIT**

The course is for students interested in fashion, fashion design, and apparel and textile design technology. Course content provides opportunities for students to explore historic costumes, research current fashion styles and trends, analyze fibers and textiles, design clothing and accessories, utilize technology in fashion design, and explore career options in the apparel and textiles industry. **Grades: 10-12**

410015 FASHION MERCHANDISING 1 CREDIT

The course is for students who are interested in the fashion and retail industry. Course content provides opportunities for students to explore factors related to the retail industry, examine structure and organization of fashion business operations, study merchandising techniques, utilize technology in fashion merchandising, and explore career options in the apparel and textiles industry. **Grades: 10-12**

510045 FASHION MEDIA 1 CREDIT

Fashion Media is designed for students interested in fashion, fashion design, and apparel and textile design technology careers. Course content provides opportunities for students to analyze consumer, culture, and celebrity effects on fashion; research current and future trends in fashion; identify fashion press and print processes; determine E-commerce sources used in the fashion industry; utilize public relations strategies, manage fashion events; utilize social media and digital design techniques, photographic styling applications; and journalism skills used in the fashion industry. **Grades: 10-12**

500015 EVENT PLANNING 1 CREDIT

This is a one-credit course taught in grades 9-12. Students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients include planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of events. Students demonstrate leadership characteristics and make decisions based on integrating knowledge of financial, human resources, promotion, and event management principals. Students are prepared for various career opportunities in event planning.

510008 ENTREPRENEURSHIP IN FAMILY AND CONSUMER SCIENCES 1 CREDIT

This is a one-credit course taught in grades 9-12 that includes the necessary knowledge and skills to own and operate a business. It is the intent of this course that entrepreneurial concepts be incorporated within the framework of family and consumer sciences-related free enterprise experiences within the Human Services Cluster career pathways, Hospitality and Tourism Cluster career pathways, and the Education and Training Cluster career pathways. It is anticipated that the business concepts should be introduced and integrated throughout the free enterprise experience to maximize student interest and impact. The course content focuses on business and financial planning, personnel management, marketing principles, business and labor laws, legal rights and responsibilities of ownership and communication. Other topics to be taught are market research, purchasing process system, distribution systems, warehouse and inventory control, salesmanship, sales promotion, and theft control that influence the flow of goods and services from producer to consumer. Students are prepared to create and manage their own Family and Consumer Sciences business or embark on a career related to business development.

510017 SPORTS NUTRITION 1 CREDIT

This course examines the relationship between nutrition, physical performance, and overall wellness. Students will learn how to choose nutritious foods for healthy lifestyles and peak performance. Health and disease prevention through nutrition, physical activity, and wellness practices are essential components of the course. This course emphasizes the metabolic process and management of food choices for optimal health and physical performance. Students are challenged to develop personal fitness and nutrition plans.

EDUCATION AND TRAINING

460009 EDUCATION AND TRAINING 1 CREDIT

Education and Training is a one-credit course. This course is the prerequisite for all pathways included in the Education and Training cluster. The course is designed for students who are interested in pursuing careers in education. Course content includes the organizational structure of education, careers, the role of the teacher, characteristics of effective teachers, communication skills, the teaching and learning processes, learning styles, research, characteristics of positive classroom environments, human growth and development, curriculum development, student characteristics, teaching techniques, learning activities, educational initiatives, technology, and careers. Observational experiences are a required component of this course. **Grades: 10-12**

460013 EARLY CHILDHOOD EDUCATION 1 1 CREDIT

This course is designed to help students learn ways to direct and operate an early childhood education program. Major topics are organizational structure; personnel policies, rules, and regulations; liability issues; principles of human growth and development; human development theories; observation techniques; interpersonal skills for promoting positive and productive relationships with children and their families; developmentally appropriate activities; individual and group activities; organization of teaching materials and supplies; learning activity centers; lesson plans; smooth transitions between routines and activities; teaching aides; operating equipment; play and recreational activities; dietary needs of children; preparation of snacks and meals; child health and safety; parental involvement; community resources; technology and careers. **Prerequisite:** Education and Training **Grades: 10-12**

460014 EARLY CHILDHOOD EDUCATION 2 1 CREDIT

This course provides students with advanced knowledge and skills used in the field of education. Major topics are the impact of caregivers on the development of children, personnel tasks and responsibilities, legal issues and liability, licensure standards, policies for providing early childhood education programs, physical facility layout, management systems, facility maintenance, scheduling, child growth and development theories, brain research, risk management, factors contributing to at-risk children, observation records, guidance techniques, curriculum development, age-appropriate learning activities, children with exceptionalities, motivational techniques, special events and field trips, recreational activities, dietary needs of children, food choices, professionalism, health screening and health assessment, emergency evacuation procedures, rules and regulations, technology, and careers.
Prerequisite: Early Childhood Education **Grades: 10-12**

460011 TEACHING 1 1 CREDIT

Teaching I is a one-credit course that helps students implement the teaching and learning processes. Major topics are teaching and learning theories, curriculum, lesson plans, budget preparation, legal aspects, testing, grading, community resources, partnerships, etc. The required school-based laboratory is essential to help students develop skills in teaching. **Prerequisite:** Education and Training **Grades: 10-12**

460012 TEACHING 2 1 CREDIT

Teaching II is a one-credit course. Content provides students with advanced knowledge and skills used in the education fields along with classroom management strategies. Concepts of legal aspects of education, instructional resources, motivation, types of assessments, positive learning environments, and lesson planning and teaching for various areas and grades. Observational experiences are a required component of this course.
Prerequisite: Education and Training and Teaching 1 **Grades: 10-12**

460015 EDUCATION AND TRAINING INTERNSHIP 1 CREDIT

This internship course is for students who are interested in pursuing careers in the education field. The internship allows students to spend time in a classroom or school setting on a regular basis with a teacher within the school system who teaches the subject-matter area of interest to the student intern, a staff member in the appropriate professional support services area, or a principal of vice-principal. This course provides students with a context in which they can make a personal assessment of their commitment to pursue a teaching, professional support services, or educational leadership career. The school-based laboratory for the internship is an actual classroom or school that provides instruction in the subject-matter area or career area related to the student's interest.

Prerequisite: Early Childhood Education 2 **Grades: 10-12**

COSMETOLOGY

510060 INTRODUCTION TO COSMETOLOGY 1 CREDIT

Introduction to Cosmetology provides students with a study of concepts related to the cosmetology profession. Specific topics include cosmetology history and opportunities, professional image, infection control, basic fundamentals, and principles of hair design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic procedures. Upon completion of this course, students must be 16 years of age to pursue additional Cosmetology courses. Introduction to Cosmetology is the prerequisite to all of the Cosmetology courses.

Special Note: Currently offered at Bryant CTC, Faulkner CTC and CLC **Grades: 10-12**

510061 HAIR COLORING 1 CREDIT

This course provides students with study and experience in hair coloring and lightening. Emphasis is placed on color application, laws, levels and classifications of color, and problem solving. Upon successful completion of this course, students are able to identify all phases of hair coloring and its effects upon the hair and perform procedures for hair coloring and lightening. **Prerequisite:** Introduction to Cosmetology. Student must be at least age 16.

Special Note: Currently offered at Bryant CTC, Faulkner CTC and CLC **Grades: 10-12**

510062 CHEMICAL SERVICES 1 CREDIT

Chemical Services is a one-credit course that focuses on the theory of chemical services related to chemical hair texturing. Specific topics include basics of chemistry and electricity, properties of the hair and scalp, and chemical texture services. Students also gain initial practical experience in performing various chemical texturing activities. Emphasis is placed on safety, chemical use and handling, hair and scalp analysis, and client consultation. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform these chemical services. **Prerequisite:** Introduction to Cosmetology. Student must be at least age 16.

Special Note: Currently offered at Bryant CTC, Faulkner CTC and CLC **Grades: 10-12**

510063 INTRODUCTION TO SPA TECHNIQUES 1 CREDIT

This course focuses on the structure and function of various systems of the body, massage techniques, skin care, and hair removal. Upon successful completion of this course, students are able to assemble sanitized materials, follow procedures for product application, recognize skin disorders, and demonstrate facial massage movements and hair removal. Safety and sanitary precautions are emphasized in the performance of these services.

Prerequisite: Introduction to Cosmetology. Student must be at least age 16.

Special Note: Currently offered at Bryant CTC, Faulkner CTC **Grades: 10-12**

510064 ADVANCED SPA TECHNIQUES APPLICATION 1 CREDIT

This course provides students with study and experience in advanced hair removal, cosmetic applications, skin care, and massage techniques. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they apply to the performance of advanced techniques and applications.

Prerequisite: Introduction to Cosmetology and Introduction to Spa Techniques. Student must be at least age 16.

Special Note: Currently offered at Bryant CTC, Faulkner CTC **Grades: 10-12**

510065 SALON PRACTICES AND MANAGEMENT 1 CREDIT

This course enables students to develop entry-level management skills for the cosmetology industry. Students practice all phases of cosmetology in a salon setting. Upon successful completion of this course, students are able to demonstrate professional work ethics and communication skills, job-seeking and management skills; and exhibit knowledge of technology used in salons.

Prerequisite: Introduction to Cosmetology. Student must be at least age 16.

Special Note: Currently offered at Bryant CTC, Faulkner CTC and CLC **Grades: 10-12**

510066 INTRODUCTION TO NAIL CARE AND APPLICATIONS 1 CREDIT

This course focuses on all aspects of the nail care industry. Specific topics include nail care history and opportunities, nail and skin services, sanitation and bacteriology, and salon conduct. Upon successful completion of this course, students are able to demonstrate professional conduct, recognize nail disorders and diseases, and identify and perform procedures for sanitation and nail care services.

Prerequisite: Introduction to Cosmetology. Student must be at least age 16.

Special Note: Currently offered at Bryant CTC, Faulkner CTC **Grades: 10-12**

510067 NAIL ART AND APPLICATIONS 1 CREDIT

This course provides students with a study of and practice in advanced nail techniques. Upon successful completion of this course, students are able to identify and apply procedures and techniques for nail sculpturing and nail art. The prerequisite for this course is Introduction to Nail Care Applications. Students participate in SkillsUSA as an integral part of this instructional program.

Prerequisite: Introduction to Nail Care and Applications. Students must be at least age 16.

Special Note: Currently offered at Bryant CTC, Faulkner CTC **Grades: 10-12**

510068 STATE BOARD PRACTICUM 1 CREDIT

This is a culminating course that provides students with a comprehensive study of State Board procedures and practical applications in cosmetology and nail care. Upon successful completion of this course, students are able to demonstrate practical skills necessary for meeting state licensure requirements and for successful employment.

Prerequisite: Introduction to Cosmetology and courses as determined by licensure the student is pursuing and student must be at least age 16. **Special Note:** Currently offered at Bryant CTC, Faulkner CTC and CLC **Grades: 10-12**

HEALTH SCIENCE EDUCATION

MRS. TERRIA MOORE, SUPERVISOR
tdmoore@mcpss.com **221-4018**

The Health Science Cluster of programs provides students with the essential knowledge and hands-on skills needed to pursue a career or post-secondary education in the health care industry. Eligible high school students can explore a variety of entry and advanced level courses designed to expose them to a variety of careers related to Nursing, Sports Medicine, Dental Services, Pre-Med, Pharmacy, and the Biomedical Sciences.

Each Health Science Pathway has a recommended 3 course sequence. Foundations of Health Science is the pre-requisite course for all of the Therapeutic Services pathways except for the Project Lead the Way (PLTW) Biomedical Science courses.

Instructional content incorporates project and problem-based healthcare practices and procedures to demonstrate knowledge and skills fundamental to a variety of healthcare careers. Knowledge and skills are reinforced through participation in HOSA: Future Health Professionals and work-based learning opportunities that are age and grade appropriate. All Health Science courses are 1-credit unless specified.

The Health Science classroom provides a safe and simulated workplace setting for student exploration and assessment. Rigorous and challenging content may include a variety of learning experiences including high fidelity simulation activities. Successful completion of one-credit (minimum) in Health Science coursework is required prior to placement of a student in a clinical/internship.

Upon successful completion of the Health Science Therapeutic Services course of study, senior students may be eligible to take one of the following state approved Career Readiness Indicators (CRI): Alabama Certified Nursing Assistant Exam or the Certified Patient Care Technician Exam.

All Health Science programs are evaluated annually and must meet quality standards as designated by the ALSDE.

Course Descriptions

490007 FOUNDATIONS OF HEALTH SCIENCE 1 CREDIT

This course is a required course that introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for a strong health care delivery system in the twenty-first century. This course is the prerequisite for all the Health Science Therapeutic Services pathway courses. It is recommended for all students who want to prepare for further study in an array of health-related fields at the postsecondary level. Note: This course substitutes for the ½ credit Health requirement needed for graduation.

490021 HEALTH PROMOTIONS AND WELLNESS .5 CREDIT

A one-half credit course designed to enable students to develop an understanding of personal client, and community health; and provides a foundation for comprehensive preventive health and wellness in the health care delivery system.

490023 THERAPEUTIC SERVICES 1 CREDIT

This course is designed to keep abreast of the rapid changes in business and industry by offering students a rigorous array of coursework and work-based experience to help prepare them for advanced learning and a wide range of health career opportunities. This course is designed to provide the local education agency flexibility to meet health care demands in the community. Students are introduced to careers in therapeutic services including, but not limited to, nursing, medicine, physical therapist, surgical technologist, respiratory therapist, emergency medical technician, and others. **Prerequisite**: Foundations of Health Science

490015 HUMAN BODY STRUCTURES AND FUNCTIONS 1 CREDIT

Human Body Structures and Functions is a one-credit course designed to help students develop a basic knowledge of the normal structure and function of the human body. The course uses an integrated approach for teaching medical terminology to the health care student by incorporating medical terminology into instruction regarding human body structures and functions and the disease process. **Prerequisite:** Foundations of Health Science

490028 SPORTS MEDICINE FUNDAMENTALS 1 CREDIT

Sports Medicine Fundamentals is a one-credit course. Course content will provide an overview of the field of sports medicine as well as expose students to fundamental skills. The importance of legal and ethical issues will be emphasized. Students will learn about career opportunities, medical terminology, safety, assessment and emergency preparedness in sports medicine. Instruction and learning activities are provided in a classroom laboratory setting using hands-on experiences with equipment, materials and technology appropriate to the course content and in accordance with current practices. **Prerequisite:** Foundations of Health Science.

490027 PATIENT CARE TECHNICIAN 1 CREDIT

Patient Care Technician is a one-credit course that provides students the opportunity to become effective and efficient multi-skilled health care providers. Students will develop a working knowledge of health care skills, basic phlebotomy, 12 lead EKG's, oxygen therapy, and specimen collection via simulation. **Prerequisite:** Foundations of Health Science

490013 HEALTH SCIENCE INTERNSHIP 1 CREDIT

This course includes a variety of knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facilities. Theory and laboratory components comprise at least ten percent of the Health Science Internship course.
Prerequisite: Foundations of Health Science

490014 HEALTH SCIENCE INTERNSHIP 2 CREDITS

A two-credit course focusing on basic knowledge and skills necessary for beginning health care workers. Health Science Internship reinforces and applies knowledge learned in classroom and laboratory settings.
Special Note: Bryant Center and Faulkner Career Tech Center **ONLY**

490022 INTRODUCTION TO PHARMACY 1 CREDIT

This course includes a variety of knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facilities. Theory and laboratory components comprise at least ten percent of the Health Science Internship course.
Prerequisite: Foundations of Health Science

490042 PRINCIPLES OF BIOMEDICAL SCIENCE PLTW 1 CREDIT

The Project Lead the Way (PLTW) Biomedical Sciences program is a one-credit course that involves the study of human medicine, research processes, and an introduction to bioinformatics. Students investigate the human body systems and various health conditions. They also explore a variety of careers in the biomedical sciences field. The program is designed to prepare students to pursue a post-secondary career in the biomedical sciences.
Special Note: Only offered at Mary G. Montgomery High School

490043 HUMAN BODY SYSTEMS PLTW 1 CREDIT

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Manikin®, use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical cases. **Note:** Only offered at Mary G. Montgomery High School

490044 MEDICAL INTERVENTIONS PLTW 1 CREDIT

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.
Note: Offered only at Mary G. Montgomery High School

490012 DENTAL ASSISTING 1 CREDIT

Dental Assisting is a one-credit course that introduces students in Grades 10-12 to the dental profession. Course content specifies core knowledge and skills needed by workers in a dental office. The content emphasizes careers in dental care, the history and use of dentistry, infection control, and dental care procedures.
Prerequisite: Foundations of Health Science is a prerequisite course. **Note:** offered at Theodore High School Only.

490045 SENIOR CAREER PATHWAY PROJECT, HEALTH SCIENCE 1 CREDIT

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.
Prerequisite: Foundations of Health Science and completion of second Health Science pathway course.

SCIENCE TECHNOLOGY ENGINEERING AND MATHEMATICS

MRS. TERRIA MOORE, SUPERVISOR
tdmoore@mcpss.com **221-4018**

The Science, Technology, Engineering, and Mathematics (STEM) Cluster includes a variety of middle and high school pathways. This cluster introduces students to foundational principles of engineering and technological literacy in the middle school grades through the career cluster technologies courses that explore the sixteen career clusters, related pathways, and related technologies.
The high school engineering courses provide students with the opportunity to gain experience with general engineering design and application as the acquire discipline specific knowledge that allows them to make informed career choices. Foundation courses for the cluster include Foundations of Engineering and Career Cluster Technologies II.
Students choosing to enter this cluster should realize the close relationship of mathematics and science to the engineering and technology disciplines and expect to regularly apply mathematical and scientific principles throughout the courses in this cluster. They enjoy challenging curricula involving practical applications of engineering principles and technological literacy.

Knowledge gained by students in this cluster includes science and mathematics principles applicable to engineering and engineering-related careers. As technology continues its rapid expansion, adequately preparing students for engineering-related careers is essential and serves as the primary purpose of this cluster. The Science, Technology, Engineering, and Mathematics cluster classroom and laboratories provide safe and appropriate settings for student exploration and learning. The structured, yet active environment stimulates students' creativity and helps them develop the necessary skills for future employment.

Students in this cluster affiliate with the Technology Student Association (TSA) as the co-curricular career and technical student organization (CTSO). TSA provides additional opportunities that enhance classroom instruction, develop leadership skills, and promote career development.
For questions regarding course descriptions and/or course numbers, please contact supervisor listed above

Course Descriptions

560012 ENGINEERING APPLICATIONS 1 CREDIT
This course is designed to explore the application of engineering principles in various technological areas including construction, transportation, communication, manufacturing, and bioengineering. Students gain knowledge and experience needed to effectively improve processes and systems in each of these areas. **Grades 10-12**

560011 FOUNDATIONS OF ENGINEERING 1 CREDIT
This course is designed to offer an overview of the engineering profession and fundamental skills utilized in general engineering. Students investigate various engineering disciplines and related career paths. They develop communication and teamwork skills as well as increase their understanding of basic scientific and mathematical principles used in problem solving through the engineering design process. **Grades 10-12**

560014 ENGINEERING RESEARCH AND DESIGN 1 CREDIT

This course enables students to make an informed career choice through the study and application of mechanical, electrical, and other engineering systems. Students conduct research and design engineering projects to enhance their abilities and expand their interest in the field of engineering. Projects reinforce the application of communication, mathematics, and science. Computer technology applications are utilized extensively in this course to enable students to visualize, model, prototype, solve, and report comprehensive design problems. **Grades: 10-12**

560013 ENGINEERING SYSTEMS 1 CREDIT

This course is designed to explore systems involved in the engineering research and design process. Topics include fluid, thermal, mechanical, and electrical systems. Students gain knowledge of each type of system and the common interactions among them. **Grades: 10-12**

560031 INTRODUCTION TO ROBOTICS 1 CREDIT

One-credit design to introduce students to the fundamentals of robotics. The course emphasizes fundamentals of electrical current, digital circuits, electronic control systems, and the design and operation of robotic systems. **Grades: 10-12**

560015 INTRODUCTION TO ENGINEERING PLTW 1 CREDIT

A one-credit course that uses a design development process while enriching problem-solving skills. Students create and analyze models using specialized computer software. **Grades: 10-12**

560007 FUNDAMENTALS OF AEROSPACE TECHNOLOGY: PIOLOT 1 1 CREDIT

This course is designed to explore the application of engineering principles in various technological areas including construction, transportation, communication, manufacturing, and bioengineering. Students gain knowledge and experience needed to effectively improve processes and systems in each of these areas. **Grades: 10-12**

560008 ADVANCED AEROSPACE TECHNOLOGY: PIOLOT 2 1 CREDIT

A one-credit course designed to deepen the student's preparation for careers and further study in aerospace technologies and related industries. Students apply advanced principles and theories of flight to authentic projects related to atmospheric and space flight. Emphasis is placed on pneumatic projectiles, aerodynamic forces, and quality management. The prerequisite for this course is Fundamentals of Aerospace Technology.

560109 AEROSPACE ENGINEERING APPLICATIONS PFT 1 CREDIT

A one-credit course designed to deepen the student's preparation for careers and further study in aerospace technologies and related industries. Students apply advanced principles and theories of flight to authentic projects related to atmospheric and space flight. Emphasis is placed on pneumatic projectiles, aerodynamic forces, and quality management. **Grades: 10-12**

560016 PRINCIPLES OF ENGINEERING PLTW 1 CREDIT

This one-credit course is designed for students to develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. **Grades: 10-12**

560020 CIVIL ENGINEERING AND ARCHITECTURE PLTW 1 CREDIT

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. **Grades: 10-12**

560017 DIGITAL ELECTRONICS PLTW 1 CREDIT

From smart phones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used industry, including logic gates, integrated circuits, and programmable logic devices. **Grades: 10-12**

560112 ENERGY AND POWER FOUNDATIONS 1 CREDIT

This course engages students in a variety of hands-on, authentic projects to learn about energy and power methods through the design and construction of motors, pumps, heat exchangers, hydraulics and pipeline systems. These are the technologies used in large power plant systems to run and maintain processes in energy generation plants. The rough contextual projects, students will learn and apply physics, chemistry, fluid mechanics, thermodynamics, algebra and statistics in learning how these systems interact in the energy and power arena. Students will learn how engineers and technicians use these systems in the real world to optimize efficiency. There are no pre-requisites for this course.

560113 ENERGY TRANSMISSION AND DISTRIBUTION 1 CREDIT

This course focuses on energy transmission and consumer usage. The rough projects, students will be introduced to AC and DC power, transformers, the electrical grid and Smart Grid, and consumer load on the electrical system. To complete projects, students will use Ohm's law, Joule's law of heating, root mean square, Pythagorean Theorem and trigonometric principles to understand how energy travels along power lines and is converted from direct current to alternating current to end up, ultimately, in homes and businesses. Students will gain an understanding of how power companies move power — stepping it up and down to meet the needs of the end-user — by designing working transformers, capacitors, inverters and a power supply. Energy and Power Foundations is a pre requisite for this course.

560114 ELECTRONICS AND CONTROL SYSTEMS 1 CREDIT

In this course, students will build on the knowledge and experience gained in the first two foundational courses. The rough projects, students will apply their knowledge to more advanced systems and learn how to program and use National Instrument's LabVIEW software and the my DAQ data acquisition device to work as engineers in making and analyzing countless scientific measurements. Students will study advanced topics in energy and power such as smart-home automation, plant-level process control, natural gas pipeline monitoring, energy storage and wind power. Each project presents students with a design problem that will require them to not only design and build a prototype, but also develop the software program that will test the prototype and gather measurable, quantifiable data. Energy Transmission and Distribution is a pre requisite for this course.

520046 COMPUTER SCIENCE ESSENTIALS PLTW 1 CREDIT

Computer Science Essentials is a one-credit course that introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language.

WORK BASED LEARNING

MRS. NANCY S. PRINE, SUPERVISOR
nprine@mcpss.com **221-4023**

Work-Based Learning is a structured component of the Career and Technical Education (CTE) curriculum that integrates classroom instruction with productive, progressive, supervised, and paid work-based experiences in fields related to students' career objectives. Content is planned for students through a cooperative arrangement between the school and the employer as a component of work-based learning.

The purpose of Work-Based Learning is to provide paid work-based experiences in an occupational setting that typically cannot be obtained in the classroom. It is recommended that a student obtain concentrator status, (two courses within a CTE program), prior to enrollment in Work-Based Learning. Students who have not obtained concentrator status must have successfully completed a minimum of one CTE credit within a program and be taking the second course required for concentrator status. This course must be related to the student's career objective. Students should be scheduled into a regular school schedule until they are placed in work-based experiences.

STUDENT ELIGIBILITY

The student must meet the following requirements:

- Has a clearly defined career objective in the career cluster for which employment is being considered.
- Possess the knowledge, skills, behavioral qualities, and abilities required for successful employment.
- Is at least 16 years of age.
- Is physically and mentally capable of performing the essential functions of the desired work-based experience. Essential functions are responsibilities that must be performed by the position, are fundamental to the position, and cannot be reassigned to another position.
- Has successfully completed the required prerequisite course(s).
- Is classified as an 11th or 12th grader.
- Is on track for graduation.
- Has an acceptable attendance, grade and discipline record as validated by the Coordinator.
- Has completed an application for enrollment.
- Has provided the name of minimum of three educators who know and are not related to the student who will complete recommendation forms including the teacher of the career cluster course.
- Has participated in a student interview to review information on the application, discuss parental/guardian support of participation, and discuss possible training stations.
- Has the ability to provide transportation to and from the training station.
- Students must leave campus at the designated Seminar time.
- Students must work a minimum of 140 hours to receive credit in any Work Based Learning course.

400031 COOPERATIVE EDUCATION SEMINAR: WORK-BASED EXPERIENCE FIRST CREDIT 1 CREDIT
A one-credit work-based experience requiring a minimum of 270 continuous and successful hours of employment (average of 15 hours per week) performed under the supervision of a workplace mentor and the work-based learning/ cooperative education coordinator. Students enrolled in work-based experiences are required to participate in Cooperative Education Seminar one class period per week.

400032 COOPERATIVE EDUCATION SEMINAR: WORK-BASED EXPERIENCE SECOND CREDIT 1 CREDIT
A one-credit work-based experience requiring a minimum of 270 continuous and successful hours of employment (average of 15 hours per week) performed under the supervision of a workplace mentor and the work-based learning/ cooperative education coordinator. Students enrolled in work-based experiences are required to participate in Cooperative Education Seminar one class period per week

400122 COOPERATIVE EDUCATION WORK-BASED EXPERIENCE FIRST CREDIT 1 CREDIT
A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

400133 COOPERATIVE EDUCATION WORK-BASED EXPERIENCE SECOND CREDIT 1 CREDIT
A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

400144 COOPERATIVE EDUCATION WORK-BASED EXPERIENCE THIRD CREDIT 1 CREDIT
A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

400212 COOPERATIVE EDUCATION WORK-BASED EXERIENCE FOURTH CREDIT 1 CREDIT
A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.





DRIVER'S EDUCATION

MR. R. BRAD LOWELL, SUPERVISOR
rlowell@mcpss.com **221-6277**

Driver's Education develops understanding of and adaptation to traffic in terms of knowledge, attitudes, and skills. The course includes a study of traffic safety for pedestrians and drivers, as they are involved in physical and man- made laws, enforcement agencies and policies, traffic psychology, automobile purchasing, insurance, budgeting, consumer mechanics, and traffic engineering. Driver's Education develops a sense of civic responsibility and an attitude of personal pride in traffic performance. Classroom instruction is for a period of at least thirty hours.

Behind-the-wheel experience in a dual-controlled automobile is provided during the course. Driver's Education develops knowledge, habits, and skills related to learning to stop and start, to shift, to steer, to make right and left turns, to drive in traffic, to complete turnabouts, and to park. Development of attitudes basic to accepting civic responsibility in traffic and to the safe operation of the automobile are stressed. For those students who do not receive simulation training, behind-the-wheel training will consist of the dual-controlled automobile use for three to six hours of driving. For those students who received simulation training, behind-the-wheel training will consist of one to three hours.

290001 DRIVER AND TRAFFIC SAFETY EDUCATION .5 CREDIT
Safe driving theory; in class study; driving hazards; boating safety; behind the wheel experience; safety practices. This one-quarter course provides both classroom and actual driving experiences. A maximum of six (6) hours of behind-the-wheel driving time is provided. Students may receive up to five (5) weeks of simulator driving and observation. Two days are spent on boating safety instruction.

ENGLISH AND LANGUAGE ARTS EDUCATION

DR. KEVIN BALIUS, SUPERVISOR
kbalius@mcpss.com **221-6277**

The English Language Arts program is designed to develop and strengthen communication skills – listening, speaking, reading, and writing – for both everyday living as well as for the diversity of career and post-secondary training choices of students.

Course descriptions

200005 ENGLISH 9 1 CREDIT
This course includes instruction and practice in all English skills: reading literature, reading informational text, writing, speaking and listening, and language. Literature is studied for literary skill development, as well as for appreciation. Fulfills English credit required for graduation.

200006 ENGLISH 9 HONORS 1 CREDIT
This course includes all features of English 9 but at a more advanced level with use of some supplementary material. Literature includes instruction in the critical analysis of major genres. Composition focuses upon writing in creative, logical, and critical modes. Fulfills English credit required for graduation.
Prerequisite: Instructor Recommendation

200007 ENGLISH 9 PRE-INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT
This course is preparatory to the IB curriculum. It includes all features of English 9 but at a more demanding level with use of extensive supplementary material. Literature includes instruction in the critical analysis of major genres. Composition focuses on analytical writing. Fulfills English credit required for graduation.
Prerequisite: Acceptance into IB program.

200007aa ENGLISH 9 PRE-ADVANCED PLACEMENT (AP) 1 CREDIT
This course is preparatory to the AP Capstone Curriculum. It includes all features of English 9 but at a more demanding level with use of extensive supplementary material. Students identify a research question, gather information through research, analyze, evaluate, and select evidence; and develop a logical, well-reasoned argument. Students learn to attribute and/or cite sources throughout their researched paper and include a bibliography. Fulfills English credit required for graduation. **Prerequisite:** Acceptance into AP Capstone Program
Special Note: Currently offered at Baker only

200007ab IGCSE ENGLISH 9 CAMBRIDGE 1 CREDIT
This course is preparatory to the Cambridge AICE curriculum. It includes all features of English 9, but at a more demanding level with the use of the IGCSE Language (0500) curriculum. Cambridge IGCSE First Language English learners develop the ability to communicate clearly, accurately and effectively in both speech and writing. They learn how to employ a wide-ranging vocabulary, use correct grammar, spelling and punctuation, and develop a personal style and an awareness of the audience being addressed. Learners are also encouraged to reach widely, both for

their own enjoyment and to further their awareness of the ways in which English can be used. Cambridge IGCSE First Language English also develops more general analysis and communication skills such as synthesis, inference, and the ability to order facts and present opinions effectively. **Prerequisite:** Acceptance into the Cambridge program
Special Note: Currently offered at Bryant only

200009 ENGLISH 10 1 CREDIT
This course builds on previously acquired English language skills through instruction in reading American literature and other texts, reading informational text, writing, speaking and listening, and language. Fulfills English credit required for graduation. **Prerequisite:** English 9

200010 ENGLISH 10 HONORS 1 CREDIT
This course includes all features of English 10 but at a more advanced level with the use of some supplementary material. The course promotes academic excellence in English language arts through the study of literature and through enriched experiences in composition, speech, and listening skills. Fulfills English credit required for graduation.
Prerequisite: English 9 or English 9 Honors and Instructor Recommendation.

200011 ENGLISH 10 PRE-INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT
This course continues the preparation for the IB curriculum. It includes all features of English 10 but at a more demanding level with the use of extensive supplementary material. This course promotes academic excellence in English language arts through the study of world literature and through enriched experiences in composition, speech, and listening skills. Fulfills English credit required for graduation. **Prerequisite:** English 9 Pre-IB

200011aa ENGLISH 10 PRE-ADVANCED PLACEMENT (AP) CAPSTONE 1 CREDIT
This course is a preparatory to the AP Capstone Curriculum. It includes all features of English 10 but at a more demanding level with the use of extensive supplementary material. Students identify a research question, gather information through research; analyze, evaluate, and select evidence; and develop a logical, well-reasoned argument. Students learn to attribute and/or cite sources throughout their researched paper along with a bibliography. Fulfills English credit required for graduation. **Prerequisite:** Acceptance into Capstone Program
Special Note: Currently offered at Baker only

200010ad IGCSE ENGLISH 10 CAMBRIDGE 1 CREDIT
This course is preparatory to the Cambridge AICE Curriculum. It includes all features of English 10, but with a more demanding level with the use of the IGCSE Literature (0486) curriculum. Cambridge IGCSE Literature learners develop the ability to understand and respond to literary texts in different forms and from different periods and cultures; communicate an informed personal response appropriately and effectively; appreciate different ways in which writers achieve their effects; experience literature's contribution to aesthetic, imaginative, and intellectual growth; and explore the contribution of literature. Cambridge IGCSE Literature learners focus on literary tests in three main forms: drama, poetry, and prose. Fulfills English credit required for graduation.
Special Note: Currently offered at Bryant only **Prerequisite:** IGCSE English 9

200013 ENGLISH 11 1 CREDIT
This course continues instruction in English language skills and provides instruction in American literature as well as other texts. Composition emphasizes practice in structural writing of expository essays, documented papers, and informal essays. Literature emphasizes critical analysis of various genres. Fulfills English credit required for graduation.
Prerequisite: English 9 AND English 10

200014 ENGLISH 11 HONORS 1 CREDIT

This course includes all features of English 11 but at a more advanced level with the use of supplemental materials. The course continues instruction in English language skills and provides instruction in American literature and other texts. Composition emphasizes writing papers of various types, with particular attention given to writing documented papers. Literature instruction emphasizes critical analysis of various genres. The course continues language study. Fulfills English credit required for graduation. **Prerequisite:** Regular English 9-10 AND/OR Honors English 9-10

200022aa ENGLISH 11 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

The curriculum for IB English covers two years. In IB English 11, the student reads, analyzes, and evaluates masterpieces from world literature in the student's native language. The course increases skills of literary criticism, strong written and oral skills, linguistic accuracy and effectiveness, strengthens organizational skills, and develops the ability to select specific details and integrate ideas. **Prerequisite:** Acceptance into IB program
Special Note: Currently offered at Murphy AND Davidson

200016 ENGLISH 11 ADVANCED PLACEMENT (AP) LANGUAGE AND COMPOSITION 1 CREDIT

Following the curriculum established by the College Board Advanced Placement (AP) Program, this course offers a challenging, college-caliber curriculum requiring more time and composition work, and going into greater depth than at the regular or the honors level. This course engages students in becoming skilled writers who compose for a variety of purposes and who become skilled readers of prose written in a variety of rhetorical contexts. A summer reading program is required. College Board test is given at the end of the course. Fulfills English credit required for graduation.
Prerequisite: Instructor Recommendation
Special Note: Students should have taken English 9 Honors AND English 10 Honors

200015ad AICE ENGLISH 11 CAMBRIDGE RESEARCH 1 CREDIT

This course meets the Cambridge AICE diploma requirement. It includes all features of English 11 but at a more demanding level with the use of the Cambridge International AS and A Level English – Language (9093) curriculum. Cambridge International AS and A Level English Language gives learners the opportunity to study English language and its use in contemporary communication. It aims to encourage a critical response to texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis. Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues, and writing clearly, accurately, creatively and effectively for different purposes and audiences.
Prerequisite: IGCSE English 10 **Special Note:** Offered at Bryant only

903201 ENGLISH 11 DUAL ENROLLMENT (DE) ENGLISH COMPOSITION 1 (ENG 101) 1 CREDIT

English Composition I provides instruction and practice in the writing of at least six (6) extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I may include instruction and practice in library usage. PREREQUISITE: Successful completion of ENG 093; or a score of 42 or better on the English section of ASSET; or a score of 20 or better on the ACT (or equivalent SAT score). **Prerequisite:** Students must meet the requirements of dual enrollment program

200017 ENGLISH 12 1 CREDIT

This course continues instruction in English language skills. Literature includes study and critical analysis of examples from British literature and other texts. The course emphasizes writing of paragraphs and essays characterized by logical, coherent organization; clarity of expression; and suitability in style, usage, and conventions of writing. The course also increases the student's ability to read closely for literal and inferred meaning. Fulfills English credit required for graduation. **Prerequisite:** English 9, English 10, AND English 11

200018 ENGLISH 12 HONORS 1 CREDIT

This course includes all features of English 12 but at a more demanding level with the use of supplemental materials. This course provides academic excellence in English language arts through enriched experiences in communication skills and through written and oral analysis of British literature as well as other texts. Composition emphasizes critical analysis and interpretation. Language study includes vocabulary development and language history. Fulfills English credit required for graduation.
Prerequisite: Regular English 9-11 AND/OR Honors English 9-11 AND Instructor Recommendation

200022ab ENGLISH 12 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

English 12 International Baccalaureate is the second year of the IB English curriculum. Students in IB English 12 continue to read, analyze, and evaluate masterpieces from world literature. The course increases the effective use of diction, strengthens organizational skills, enhances clear thinking, and enables students to identify literary techniques. Fulfills English credit required for graduation. **Prerequisite:** English 11 IB AND acceptance into IB program.
Special Note: Currently offered at Murphy AND Davidson

200020 ENGLISH 12 ADVANCED PLACEMENT (AP) LITERATURE AND COMPOSITION 1 CREDIT

As required by AP program guidelines, this course offers a challenging, college-caliber curriculum requiring more time and composition work, and going into greater depth than at the regular or honors level. A summer reading program is required. College Board test is given at the end of the course. Fulfills English credit required for graduation.
Prerequisite: Instructor Recommendation **Special Note:** Students should have taken Honors English 9-11

200019ai AICE ENGLISH 12 CAMBRIDGE RESEARCH 1 CREDIT

AICE English meets the Cambridge AICE diploma requirement. It includes all features of English 12 but at a more demanding level with the use of the Cambridge International AS and A Level English – Literature (9695) curriculum. Cambridge International AS and A Level Literature in English gives learners the opportunity to a lifelong understanding and enjoyment of literary texts, and, importantly, gain a rage of essential skills, including the ability to write clearly and effectively, skills in developing arguments, skills in researching and managing information, and the ability to analyse complex texts in different forms and styles. Through their study, learners will develop an appreciation of and informed personal response to literature in English in a range of texts in different forms, and from different periods and cultures. Learners will also develop the interdependent skills of reading, analysis, and communication; effective and appropriate communications; as well as a wider reading and an understanding of how it may contribute to personal development.
Prerequisite: AICE English 11

903202 ENGLISH 12 DUAL ENROLLMENT (DE): ENGLISH COMPOSITION 2 1 CREDIT

English Composition II provides instruction and practice in the writing of six (6) formal, analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library usage. PREREQUISITE: A grade of "C" or better in ENG 101 or the equivalent.
Prerequisite: Satisfactory completion of English 11 Dual Enrollment – English Composition ENG 101

ENGLISH AND LANGUAGE ARTS ELECTIVES ELECTIVES

200036ci ADVANCED PLACEMENT (AP) CAPSTONE SEMINAR ENGLISH 1 CREDIT

As required by AP Capstone guidelines, this course is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. Students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. **Prerequisite:** Acceptance into AP Capstone Program **Special Note:** Recommended for Grades 10-11 Currently offered at Baker Only

200036ch ADVANCED PLACEMENT (AP) CAPSTONE RESEARCH ENGLISH 1 CREDIT

As required by AP Capstone guidelines, this course allows students to deeply explore an academic topic, problem or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio.
Prerequisite: Successful completion of AP Capstone Seminar
Special Note: Recommended for Grade 12; Currently offered at Baker Only

200036cb ADVANCED PLACEMENT (AP) CAPSTONE SPEECH AND WRITING LAB 1 1 CREDIT

This course is preparatory to the AP Capstone Curriculum. Using an inquiry framework, students gather and analyze information from various sources in order to develop credible and value evidence-based arguments. Students consider and evaluate multiple points of view to develop their perspectives on complex issues.
Prerequisite: Acceptance into AP Capstone Program **Special Note:** Currently offered at Baker only

200036cd ADVANCED PLACEMENT CAPSTONE SPEECH AND WRITING LAB 2 1 CREDIT

This course is preparatory to the AP Capstone Curriculum. Using an inquiry framework, students gather and analyze information from various sources in order to develop credible and valid evidence based arguments. Students consider and evaluate multiple points of view to communicate individually and as a team, their perspectives on complex issues.
Prerequisite: Acceptance into AP Capstone Program **Special Note:** Currently offered at Baker only

200036be ADVANCED PLACEMENT WRITING LAB 1 (ENGLISH LANGUAGE & COMPOSITION) 1 CREDIT

This course is designed to prepare students for the technical, critical, and analytic writing necessary for success on the end-of-year exams for AP. It also prepares students for college essays.
Prerequisite: Enrollment in AP Lang and Comp Course AND Instructor Recommendation

200036bg ADVANCED PLACEMENT WRITING LAB 2 (ENGLISH LITERATURE & COMPOSITION) 1 CREDIT

This course is designed to prepare students for the technical, critical, and analytic writing necessary for success on the end-of-year exams for AP. It also prepares student for college essays.
Prerequisite: Enrollment in AP Lit and Comp Course AND Instructor Recommendation

200036ck AICE GENERAL PAPER CAMBRIDGE RESEARCH 1 CREDIT

A multi-disciplinary course (8001), with subject matter drawn from across the curriculum, encouraging students to be more aware of the breadth and complexity of the contemporary world; develop thinking and reasoning skills and maturity of thought; and achieve an understanding of (and ability in) the English language which enables them to express arguments, ideas, and opinions in a reflective and academic manner.
Prerequisite: IGCSE Global Perspectives **Special Note:** Currently offered at Bryant only

200036ba INTERNATIONAL BACCALAUREATE (IB) WRITING LAB 1 CREDIT

This course is designed to prepare students for the technical, critical, and analytic writing necessary for success on the end-of-year exams for IB. It also prepares student for college essays. **Prerequisite:** Enrollment in IB Course and Instructor Recommendation **Special Note:** Currently offered at Murphy AND Davidson

200031ae AFRICAN-AMERICAN LITERATURE 1 CREDIT

This course exposes students to a wide range of literature from the earliest Black writers in America to those of the present day. It also gives students an opportunity to read, write, and otherwise encounter the African American Experience.

200045 DEBATE 1 CREDIT

This course provides instruction in the fundamentals of argumentation and problem solving. Students explore logical thinking, speaking skills, research skills related to debate topics, and participate in frequent debate situations. This course is available to students in grades 10, 11, or 12

200037ay ENGLISH LANGUAGE ENHANCEMENT 1 1 CREDIT

English Language Enhancement I is for the ninth grade student who scored below proficiency on a standardized reading assessment. The course is structured to include study skills; writing; comprehension skills; and recreational, textual, and functional reading. **Prerequisite:** Eighth Grade Standardized Reading Assessment

200037aa ENGLISH LANGUAGE ENHANCEMENT 2 1 CREDIT

English Language Enhancement II is designed for those students who have completed English Language Enhancement 1 but still need additional review of reading comprehension, grammar, and writing skills. It is available to those students in grades ten and eleven. **Prerequisite:** English Enhancement

200032 EXPOSITORY WRITING 1 CREDIT

This course is designed to introduce students to various expository writing approaches including narration, definition, description, process analysis, classification, illustration and example, cause and effect, comparison and contract, and paraphrase and summary. Students will first examine expository modes before attempting compositions of their own.
Prerequisite: Instructor Approval

200037ac FUNDAMENTALS OF READING 1 1 CREDIT

This course is designed to address basis reading deficiencies of students who have not had the opportunity to enroll in the ninth grade reading program. The course is designed to assist students in improving both reading accuracy and comprehension. This course is available to students in grades 10, 11 or 12. **Prerequisite:** English grades results.

200037ag **FUNDAMENTALS OF READING 2** **1 CREDIT**
This course is a continuation of Fundamentals of Reading and is designed to address basis reading deficiencies of students. This course is designed to assist students in improving both reading accuracy and comprehension. This course is available to students in grades 10, 11, or 12.
Prerequisite: English grades results and/or teacher recommendation.

200031 **MODERN ETHNIC AND MULTICULTURAL LITERATURE** **1 CREDIT**
This course introduces high school students to the variety of tradition, voices, experiences, viewpoints, and values of the diverse people who make up the American multicultural heritage.

200026 **MYTHOLOGY 1** **1 CREDIT**
This course is designed to give students a solid background in world mythology which will help them understand allusions to these myths in literature, language, and art.

200026ad **MYTHOLOGY 2** **1 CREDIT**
This course is designed to provide students with a more in-depth study of world mythology through novels and research. This course will included the mythologies of Egypt, Africa, Britain, Native America, Asia, North and South America and Canada. This course is available to students in grades 10, 11, or 12 **Prerequisite:** Mythology 1

200043 **SPEECH 1** **1 CREDIT**
Speech I provides instruction in the fundamentals of formal and informal oral communications. The course offers instruction and practice in discussion and in skills of critical thinking. It includes extemporaneous and impromptu speaking, play reading, choral reading, interpretation of poetry, and drills in voice and speech mechanics.

200044 **SPEECH 2** **1 CREDIT**
Speech II provides instruction in intermediate skills of formal and informal oral communication. The course offers instruction and practice in discussions and I skills of critical thinking. It includes extemporaneous and impromptu speaking play reading, choral reading, interpretation of poetry, and drills in voice and speech mechanics.

911801 **DUAL ENROLLMENT (DE) SPEECH: FUNDAMENTALS OF PUBLIC SPEAKING (SPH 107)** **1 CREDIT**
This course explores the principles of audience and environment analysis as well as planning, rehearsing, and presenting of formal speeches to specific audiences. Historical foundations, communications theories, and student-performances, are emphasized. **Special Note:** Student must meet the requirements of the Dual Enrollment Program

200046 **STUDENT CONGRESS** **1 CREDIT**
This course provides extended experience in developing the skills of extemporaneous speaking, debate and interpersonal communication for the academically advanced, college-bound student.

200036ak **WOMEN IN LITERATURE** **1 CREDIT**
This course will cover a wide range of literary selections from the works of the Ancient Greeks to those of modern writers. The focus will be on how strong female characters fit or defy the archetypal roles of daughter, sister, wife, mother, and friend. This course is only open to those students in grade eleven or twelve.
Prerequisite: Only open to students in grades 11 or 12

200023 **WORLD LITERATURE** **1 CREDIT**
This course allows students to survey fiction and nonfiction literature from around the world. Activities include writing essays, analyzing genres, and interpreting authors.

200051 **JOURNALISM 1** **1 CREDIT**

Newspaper study; newspaper production; news information gathering; proofreading; journalistic writing. This course provides instruction in basic aspects of journalism and workshop experience in journalistic production. Students explore the history of journalism; news, sports, feature, and editorial writing; and gain workshop experiences in photography, layout; advertising; and printing. Students will use these skills to publish a school newspaper periodically.
Grades 10-12

200052 **JOURNALISM 2** **1 CREDIT**

Advanced newspaper work; laboratory course; layout, in-depth editing, publishing, finance. This course provides instruction in basic aspects of journalism and workshop experience in journalistic production. Students explore the history of journalism; news, sports, feature, and editorial writing; and gain workshop experiences in photography, layout; advertising; and printing. Students will use these skills to publish a school newspaper periodically. **Grades 10-12**

200053 **JOURNALISM 3** **1 CREDIT**

School newspaper management; advanced journalism. This course provides instruction in basic aspects of journalism and workshop experience in journalistic production. Students explore the history of journalism; news, sports, feature, and editorial writing; and gain workshop experiences in photography, layout; advertising; and printing. Students will use these skills to publish a school newspaper periodically. **Grades 10-12**

200033 **CREATIVE WRITING 1** **1 CREDIT**

This course develops writing and language skills for individual expression in literary forms through writing of original poetry, short stories, plays, novels, essays, or non-fiction. This course is available to students in grades 10, 11, or 12.

200036 **CREATIVE WRITING 2** **1 CREDIT**

This course extends opportunities to develop writing and language skills for individual expression. Emphasis is placed on original writing and study of technical aspects of publishing in literary publications as introduced in Creative Writing 1
Prerequisite: Creative Writing 1

200036ax **A SHAKESPEARE SAMPLER** **1 CREDIT**

This course allows the students the opportunity to explore and appreciate in-depth the life and works of William Shakespeare. The course consists of three plays not studied as part of the normal course of study in high school. In this course, a history, a comedy, and a tragedy are given an in-depth analysis in an interactive classroom.

200036bq **WRITING WORKSHOP** **1 CREDIT**

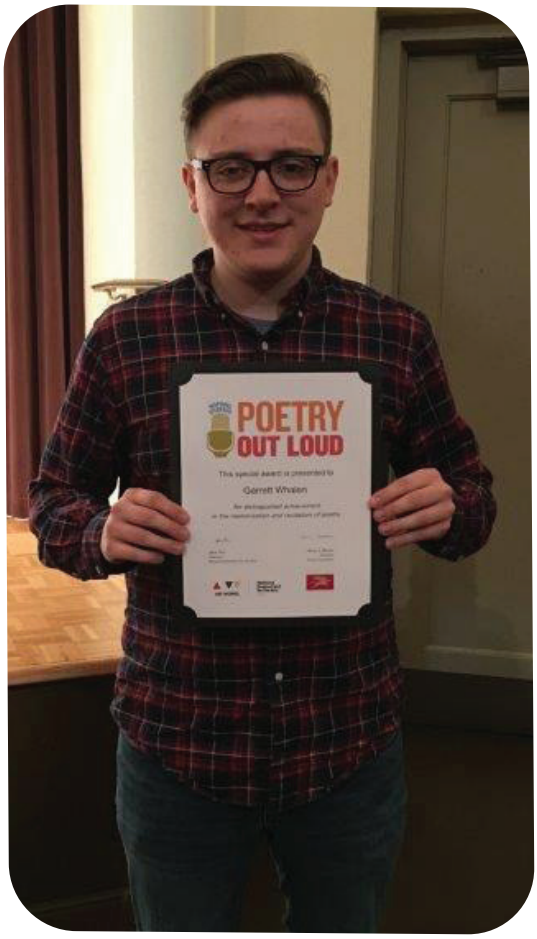
This course is designed to teach students basic writing skills. It is an intensive writing lab that focuses specifically on grammar, usage and mechanics. Specifically designed for regular students in grades 9-12.

200036bu **A STUDY OF FILM** **1 CREDIT**

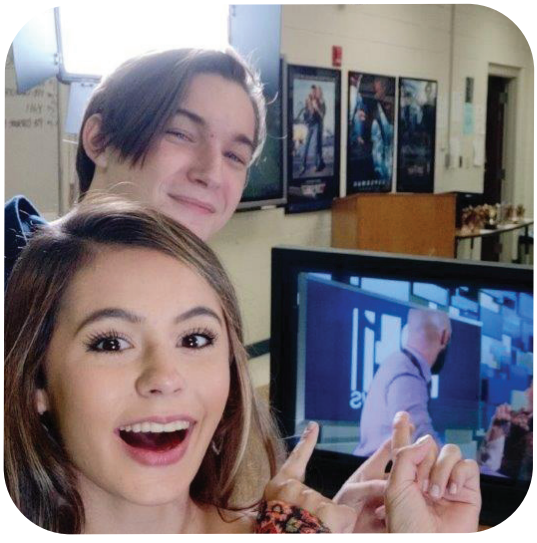
This course is a study of film as a medium with its own special methods of rhetorical persuasion. The course surveys both the content of film and the form in which that content is presented. This class is open to students in grades 9-12.

200036BX **A STUDY OF FIM 2** **1 CREDIT**

This course is designed to progress students from basic film study to a more hands on application of film technology through the production of short films and assignments. This course would be available to students in grades 10, 11, and 12. Access to a video camera is recommended but not necessary. **Prerequisite:** A Study of Film 1 and Art I


POETRY
OUT LOUD







ENGLISH AS A SECOND LANGUAGE - ESL

MRS. KIRSTEN GENTRY, SUPERVISOR
kgentry@mcpss.com **221-5189**

The English as a Second Language (ESL) program is designed to develop the English skills needed for the Limited English Proficient student to succeed in the mainstream classroom and become a full and productive member of the United States of America.

- **English as a Second Language for Non-English Speakers (ESL English)**
  This beginning English course develops basic English skills in listening, speaking, reading, and writing. While adhereing to the Alabama Course of Study. This course can be substituted for English 9 and English 10.

- **English as a Second Language for Limited-English Speakers (ESL Elective 1)**
  This intermediate course develops English skills in listening, speaking, reading and writing. This course may not be substituted for one of the four English credits required for graduation.

- **English as a Second Language for Limited-English Speakers (ESL Elective 2)**
  This advanced course develops English skills in listening, speaking, reading and writing, with an emphasis on literacy skills. This course may not be substituted for one of the four English credits required for graduation.

Course Descriptions

200005ad ESL ENGLISH 9: ENGLISH AS A SECOND LANGUAGE FOR NON-ENGLISH SPEAKERS 1 CREDIT
This core course, specifically designed for English Learners, builds on previously acquired English language skills through instruction in reading, vocabulary, listening, speaking, and world literature. Composition includes writing both single-paragraph and multiple-paragraph exposition with emphasis on organizing ideas. This course can be taken in place of English 9. **Special Note:** For ESL students, this course can be used as English 9 credit.

300001al ESL ELECTIVE (1) 9: ENGLISH AS A SECOND LANGUAGE FOR LIMITED-ENGLISH SPEAKERS 1 CREDIT
This intermediate course develops English skills in listening, speaking, reading, and writing

300001am ESL ELECTIVE (2) 9: ENGLISH AS A SECOND LANGUAGE FOR LIMITED-ENGLISH SPEAKERS 1 CREDIT
This advanced course develops English skills I listening, speaking, reading, and writing. **Prerequisite:** ESL Elective 1-9

200009ad ESL ENGLISH 10: ENGLISH AS A SECOND LANGUAGE FOR NON-ENGLISH SPEAKERS 1 CREDIT
This core course, specifically designed for English Learners, builds on previously acquired English language skills through instruction in reading, vocabulary, listening, speaking, and world literature. Composition includes writing both single-paragraph and multiple-paragraph exposition with emphasis on organizing ideas. This course can be taken in place of English 10. **Special Note:** For ESL students, this course can be used as English 10 credit.

300001 ESL ELECTIVE (1) 10: ENGLISH AS A SECOND LANGUAGE FOR LIMITED-ENGLISH SPEAKERS 1 CREDIT
This intermediate course develops English skills in listening, speaking, reading and writing.

300001ab ESL ELECTIVE (2) 10: ENGLISH AS A SECOND LANGUAGE FOR LIMITED-ENGLISH SPEAKERS 1 CREDIT
This advanced course develops English skills in listening, speaking, reading and writing, with an emphasis on literacy skills. **Prerequisite:** ESL Elective 1 – 10

300001ad ESL ELECTIVE (1) 11: ENGLISH AS A SECOND LANGUAGE FOR LIMITED-ENGLISH SPEAKERS 1 CREDIT
This intermediate course develops English skills in listening, speaking, reading and writing.

300001af ESL ELECTIVE (2) 11: ENGLISH AS A SECOND LANGUAGE FOR LIMITED-ENGLISH SPEAKERS 1 CREDIT
This advanced course develops English skills in listening, speaking, reading, and writing, with an emphasis on reading and writing. **Prerequisite:** ESL Elective 1

300001ah ESL ELECTIVE (1) 12: ENGLISH AS A SECOND LANGUAGE FOR LIMITED-ENGLISH SPEAKERS 1 CREDIT
This intermediate course develops English skills in listening, speaking, reading, and writing.







FINE ARTS EDUCATION

DR. LINDA S. BYRD, SUPERVISOR
lbyrd@mcpss.com **221-4087**

Fine Arts Education provides students with a variety of opportunities to study visual arts, choral music, instrumental music, drama, and dance.

The Fine Arts curriculum is designed to meet the needs of the student population in the Mobile County Public School System. A strong emphasis on the development of basic fundamentals will be stressed. Whether listening, performing or creating, students will have curriculum to meet their needs.

Students involved in performing courses will receive training and discipline to assist their growth as responsible adults. Many activities will require students to attend after-school, evening, and/or weekends for participation in, but not limited to, sectional and large group rehearsals, honor groups, football games, and district/state festivals. Students may enroll in more than one performance-based course during a semester providing graduation requirements are being met. Additionally, uniforms may be required. Fees may be charged for rent or purchase of needed attire. Entry fees, travel expenses, and meal expenses can be expected for performing groups. Fundraising activities may be provided to assist students in meeting these financial obligations.

ACCORDING TO THE ALABAMA STATE DEPARTMENT OF EDUCATION, DRAMA COURSES ARE CONSIDERED PART OF ENGLISH AND LANGUAGE ARTS AND WILL NOT BE CONSIDERED FOR AN ARTS CREDIT. ARTS COURSES MUST CONTAIN THE FOUR ARTISTIC PROCESSES – CREATE, PERFORM, RESPOND, AND CONNECT AS FOUND IN THE ALABAMA COURSE OF STUDY: ARTS EDUCATION TO COUNT FOR AN ARTS CREDIT.

NON-TRADITIONAL STUDENTS

Non-Traditional students are those who are homeschooled; yet, enroll in MCPSS to take part in extra-curricular activities that are not offered through their homeschool program. Non-traditional students interested in participating in Fine Arts Education must meet the following criteria:

a. Students must complete the enrollment requirements and provided all required documentation as listed in the Registration section of the Educational Planning Guide.
b. Student must provide proof of enrollment in a Non-Traditional School program.
c. Student must provide their own transportation to and from school.
d. The student must attend classes at the school at the prescribed hour on all regularly scheduled school days. District attendance guidelines are also applicable to homeschool students to include referral to truancy court if necessary.
e. Special needs students will need to be assessed by district's Division of Special Services to determine if they qualify for accommodations under the Individuals with Disabilities Education Act (IDEA) and if they qualify for an Individualized Education Plan (IEP) or a 504 Plan.
f. Students are expected to participate in all Fine Arts activities and requirements to include competitions, assemblies, athletic games, etc.

g. Students must comply with grooming standards associated with the wear of any uniforms based on the Fine Arts program in which the student is enrolled.
h. In order to participate in extra- and co-curricular activities, the student must meet Alabama High School Athletic Association "Academics First" criteria which include a minimum of a 2.0 grade point average (GPA).
i. Student is responsible for any lab fees or other expenses that are expected of regularly enrolled Fine Arts students.
j. Traditional students who decide to be homeschooled because of failing grades are deemed ineligible to participate in Fine Arts for a period of one (1) year.

DANCE

281111 INTRODUCTION TO AFRICAN DANCE 1 1 CREDIT

This is a one credit course at the proficient dance level. Students explore African dance forms through an exploration of music, drumming, rhythms, community, social roles and purpose. Students perform traditional dances as a group and individually, and develop technical skills that require articulated torso, high energy, and some improvisation. Students analyze dances from an historical and contemporary perspective in context with social patterns and values of the diverse societies of Africa in which the dance forms originated.

281211 AFRICAN DANCE 2 1 CREDIT

This is a one credit course at the accomplished dance level. Students explore African dance forms through an exploration of music, drumming, rhythms, community, social roles and purpose. Students perform traditional dances as a group and individually, and develop technical skills that require articulated torso, high energy, and some improvisation. Students analyze dances from an historical and contemporary perspective in context with social patterns and values of the diverse societies of Africa in which the dance forms originated.

281311 AFRICAN DANCE 3 1 CREDIT

This is a one credit course at the advanced dance level. Students explore African dance forms through an exploration of music, drumming, rhythms, community, social roles and purpose. Students perform traditional dances as a group and individually, and develop technical skills that require articulated torso, high energy, and some improvisation. Students analyze dances from an historical and contemporary perspective in context with social patterns and values of the diverse societies of Africa in which the dance forms originated.

281101aa INTRODUCTION TO BALLET 1 1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance within the codified technique of classical ballet. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical skills in classical ballet. There is a focus on style, correct alignment, nutrition and injury prevention. Students obtain an introductory ability to analyze choreography from an historical and contemporary perspective in context with the development of classical ballet and the societies in which the dance form originated.

281201aa BALLET 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO BALLET OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level of skill within the codified technique of classical ballet, increasing fluency. They obtain kinesthetic awareness of the elements of dance as they relate to

classical ballet and develop strategies to document, gain feedback, review and revise classical ballet choreography and performance to obtain a specific artistic intent. Pointe work is added for dancers who are physically and technically ready. Students explore and analyze choreographic devices specific to classical ballet through improvisation, solving movement problems, and viewing master works. Students use classical ballet terminology to respond to and evaluate choreography and performance within traditional and contemporary contexts.

281301aa BALLET 3 1 CREDIT

PREREQUISITE: BALLET II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students progress to an advanced capacity for classical ballet literacy that includes creating ballets, performing ballets, responding to ballets and connecting ballet to skills across the arts disciplines and other academic areas. Women gain the ability to perform in pointe. Men and women develop technique for pas de deux. Women and men obtain skills in pas de deux. Students create a portfolio that contains comprehensive documentation of personal classical ballet performance and choreography including audition requirements for college and career in dance (i.e. head shot and required still photos, video, resume & references).

281106aa INTRODUCTION TO BALLROOM DANCE 1 1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through skill development in the performance of European, American and Latin ballroom dance forms. There is a focus on style, musicality, partnering skills, step patterns, correct alignment, coordination, nutrition and injury prevention. Students obtain an introductory ability to analyze and evaluate ballroom dance from an historical and contemporary perspective in context with the development of each style, and the societies in which each of the ballroom dances originated.

281206 BALLROOM DANCE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO BALLROOM DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level through skill development in the performance of European, American and Latin ballroom dance forms. They increase performance skills in style, musicality, partnering, step patterns, alignment, coordination, and fluency of movement. Students explore, perform, and analyze ballroom dances from multiple and diverse societies, using knowledge of habits, purpose of the dance, and culture of the societies to develop an understanding of the dances within traditional and contemporary contexts.

281306 BALLROOM DANCE 3 1 CREDIT

PREREQUISITE: BALLROOM DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Accomplished students progress to an advanced level through skill development in the performance of European, American and Latin ballroom dance forms. They exhibit high quality and competitive performance skills in style, musicality, partnering, step patterns, alignment, coordination, and fluency of movement. Students analyze and evaluate ballroom dances and performances of master artists and peers within traditional and contemporary contexts.

281108 INTRODUCTION TO CHOREOGRAPHY AND DANCE COMPOSITION 1 1 CREDIT

This is a one credit course at the proficient dance level. Students gain a comprehensive understanding of the elements of dance and how those elements communicate ideas, emotions and intent. Students explore and develop the ability to use choreographic devices through improvisation, solving movement problems, and creating movement studies. They obtain an introductory ability to analyze movement for artistic intent, using a knowledge of dance and production elements, genres and style, cultural context and evaluative criteria.

281208 CHOREOGRAPHY AND DANCE COMPOSITION 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO CHOREOGRAPHY/DANCE COMPOSITION OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Students increase their capacity to create dance using multiple coded techniques and a developing personal voice. They are able to manipulate movement choices and choreographic devises to obtain a specific artistic intent. They develop strategies including research to gain source material, document, gain feedback, review and revise choreography in order to refine dance composition. They use critical thinking to evaluate their own choreography as well as that of master choreographers, professional performances and peers.

281308 CHOREOGRAPHY AND DANCE COMPOSITION 3 1 CREDIT

PREREQUISITE: CHOREOGRAPHY/DANCE COMPOSITION II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students experiment beyond personal movement preferences and strengths to expand movement vocabulary and choreographic devices to establish a unique personal voice. They determine a personal preference for a complete original work of choreography by reviewing, evaluating, revising and refining after self-reflection and feedback from others. Students gather a collection of documented work that illustrates a progression of quality using technologies for recording accompanied by written and/or oral evaluations. Students create a capstone project by directing a production of original work, determining production elements, scheduling, programming, publicizing, and collaborating peers and production crews.

281107 INTRODUCTION TO CULTURAL AND WORLD DANCE 1 1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance as they relate to global cultural dance forms. Students create and perform cultural dances, and develop technical dance skills, cultural style, correct alignment, nutrition and injury prevention. They obtain an introductory ability to analyze movement for cultural context and purpose, using a knowledge habits, ideas, and perspectives of societies and historical periods in diverse cultures.

281207 CULTURAL AND WORLD DANCE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO CULTURAL/WORLD DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level through the acquisition of movement skills required for global cultural dance forms. Students create and perform cultural dances, increasing technical dance skills, while refining cultural style, alignment, nutrition and injury prevention. They analyze movement for cultural context and purpose, using a knowledge habits, ideas, and perspectives of societies and historical periods in diverse cultures.

281307 CULTURAL AND WORLD DANCE 3 1 CREDIT

PREREQUISITE: CULTURAL/WORLD DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Accomplished students progress to an advanced level through the refinement of movement skills required for global cultural dance forms. Students create and perform cultural dances with technical skill and accurate cultural style. They analyze and evaluate movement for cultural context and purpose, using a knowledge habits, ideas, and perspectives of societies and historical periods in diverse cultures.

280019 DANCE (HL) INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Emphasis on content which focuses on the composition, performance, and analysis of dance, or "expressive movement," which is practiced among peoples of various backgrounds, and for a variety of purposes, throughout the planet.

280018 DANCE (SL) INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Emphasis on content which focuses on the composition, performance, and analysis of dance, or "expressive movement," which is practiced among peoples of various backgrounds, and for a variety of purposes, throughout the planet.

281100 INTRODUCTION TO DANCE 1 1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical dance skills through correct alignment, nutrition and injury prevention. They obtain an introductory ability to analyze movement for artistic intent, using a knowledge of dance and production elements, genres and style, cultural context and evaluative criteria.

281200ad DANCE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level as they explore and analyze choreographic devices through improvisation and solving movement problems. They develop strategies to document, gain feedback, review and revise choreography to obtain a specific artistic intent. Students develop kinesthetic awareness of the elements of dance and relationships to other dancers, and increase technical skills providing fluency of movement. In responding to dance, students use codified technique and genre specific terminology and are able to evaluate choreography that is related to content learned in other subjects.

281300ac DANCE 3 ADVANCED 1 CREDIT

PREREQUISITE: DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students progress to an advanced capacity for dance literacy that includes creating dance, performing dance, responding to dance and connecting dance with skills across the arts disciplines and other academic areas. Students create a portfolio and capstone project which will include all aspects of dance composition, dance production and dance critique, and illustrates a unique personal voice. The capstone project, influenced by research, will show evidence of excellence in leadership qualities and advanced performance, including production elements that clarify intent.

281109ac INTRODUCTION TO DANCE PRODUCTION 1 1 CREDIT

This is a one credit course at the proficient dance level. Students focus on elements of dance production such as lighting, music, and costuming. They receive practical experience in creating actual lighting plots, sound scores, and/or costumes specifically for dance. Students compare and contrast the needs of dance production as it relates to other performing arts. Students explore examples of production in various venues with a variety of production elements and acquire basic skills of design for dance.

281209ac DANCE PRODUCTION 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO DANCE PRODUCTION OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Students design and execute production elements such as lighting, music, and/or costuming specifically for dance. They collaborate with others, exploring multiple elements and designs to determine the most appropriate for the venue and the choreographer's intent. Students document work in a portfolio, and include analysis and evaluation of the impact on aesthetics that each design created.

281309ab DANCE PRODUCTION 3 1 CREDIT

PREREQUISITE: DANCE PRODUCTION II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Student serves as production manager for a specific dance production, and is responsible for the coordination of all the technical and logistical aspects of the production. The production manager enables the artistic ideas of the choreographers, within budget, and within the technical boundaries of the performance space. Working with technical designers and crews, the production manager is responsible for maintaining efficient and effective coordination of the technical elements of the production including but not limited to lighting, costumes, scenery, sound, video projection and stage management.

281110ae INTRODUCTION TO DANCE ENSEMBLE (DANCE COMPANY) 1 1 CREDIT

This is a one credit course at the proficient dance level. The Dance Ensemble I is a performing company which develops professional approaches to rehearsals and performances, and is for students from a novice to proficient level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

281210ad DANCE ENSEMBLE (DANCE COMPANY) 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO DANCE ENSEMBLE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. The Dance Ensemble II is a performing company which develops professional approaches to rehearsals and performances, and is for students from a proficient to an accomplished level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

281310ae DANCE ENSEMBLE (DANCE COMPANY) 3 1 CREDIT

PREREQUISITE: DANCE ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. The Dance Ensemble III is a performing company which develops professional approaches to rehearsals and performances, and is for students from an accomplished to an advanced level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music.
The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

281009 ELEMENTS OF DANCE/ARTS LITERACY 1 CREDIT

Students explore the art of dance through improvisation and exposure to master works and diverse cultural dance forms. They will use critical analysis and appropriate dance terminology to identify the elements of dance and determine the impact these elements have on the communication of ideas, style and meaning. Students will develop an understanding of dance as a performing art by creating and performing dance, and by demonstrating proper audience and performance etiquette, while viewing professional dance and/or performances by peers. Students will also explore how production technologies may impact dance performance, both live and recorded.

902408 FITNESS DANCE 1 1 CREDIT

This course uses dance activity to increase a student's level of physical fitness. Flexibility exercises and body toning/sculpting exercises, which have been specially designed to develop the dancer's body, will be used in class.
PREREQUISITE: As required by program.

281105aa INTRODUCTION TO FOLK DANCE 1 1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through skill development in the performance of international folk dance forms. There is a focus on social interactions and the role dance plays in various countries and cultures. Students develop movement skills that include patterns, individual, partner and group coordination, and cultural style. Students obtain an introductory ability to compare and contrast diverse folk dances with an historic and contemporary perspective and in context with the society in which each dance originated.

281205 FOLK DANCE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO FOLK DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level through skill development in the performance of international folk dance forms. They advance in their ability to project social interactions and an understanding of the role dance plays in various countries and cultures. Students increase movement skills that include patterns, individual, partner and group coordination, and cultural style while analyzing diverse folk dances with an historic and contemporary perspective and in context with the society in which each dance originated.

281305 FOLK DANCE 3 1 CREDIT

PREREQUISITE: FOLK DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Accomplished students progress to an advanced level through skill development in the performance of international folk dance forms. They excel in their ability to project social interactions and an understanding of the role dance plays in various countries and cultures. Students exhibit advanced movement skills that include patterns, individual, partner and group coordination, and cultural style. They analyze and evaluate diverse folk dances performed live and documented on video with an historic and contemporary perspective and in context with the society in which each dance originated.

281104aa INTRODUCTION TO JAZZ DANCE 1 1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance within the codified technique of jazz dance. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical skills in jazz dance. There is a focus on style, correct alignment, nutrition and injury prevention. Students obtain an introductory ability to analyze choreography from an historical and contemporary perspective in context with the development of jazz dance and the societies in which the dance form originated.

281204aa JAZZ DANCE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO JAZZ DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level of skill within the codified technique of jazz dance increasing fluency. They obtain kinesthetic awareness of the elements of dance as they relate to jazz dance and develop strategies to document, gain feedback, review and revise Jazz dance choreography and performance to obtain a specific artistic intent. Students explore and analyze choreographic devices specific to jazz dance through improvisation, solving movement problems, and viewing master works. Students use jazz dance terminology to respond to and evaluate choreography and performance within traditional and contemporary contexts.

281304aa JAZZ DANCE 3 1 CREDIT

PREREQUISITE: JAZZ DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students progress to an advanced capacity for jazz dance literacy that includes creating , performing , responding to jazz choreography and connecting jazz dance to skills across the arts disciplines and other academic areas. Students create a portfolio that contains comprehensive documentation of personal jazz dance performance and choreography including audition requirements for college and career in dance (i.e. head shot and required still photos, video, resume and references).

281103 INTRODUCTION TO MODERN DANCE 1 1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance within the codified technique of modern dance. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical skills in modern dance. There is a focus on style, correct alignment, nutrition and injury prevention. Students obtain an introductory ability to analyze choreography from an historical and contemporary perspective in context with the development of modern dance and the societies in which the dance form originated.

281203 MODERN DANCE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MODERN DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level of skill within the codified technique of modern dance increasing fluency. They obtain kinesthetic awareness of the elements of dance as they relate to modern dance and develop strategies to document, gain feedback, review and revise modern dance choreography and performance to obtain a specific artistic intent. Students explore and analyze choreographic devices specific to modern dance through improvisation, solving movement problems, and viewing master works. Students use modern dance terminology to respond to and evaluate choreography and performance within traditional and contemporary contexts.

281303 MODERN DANCE 3 1 CREDIT

PREREQUISITE: MODERN DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students progress to an advanced capacity for modern dance literacy that includes creating, performing, responding to modern dance choreography and connecting modern dance to skills across the arts disciplines and other academic areas. Students create a portfolio that contains comprehensive documentation of personal modern dance performance and choreography including audition requirements for college and career in dance (i.e. head shot and required still photos, video, resume and references).

281102 INTRODUCTION TO TAP DANCE 1 1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance within the codified technique of tap. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical skills including the ability to create and perform clear tap sounds within basic rhythm structures. There is a focus on style, correct alignment, nutrition and injury prevention. Students obtain an introductory ability to analyze choreography from an historical and contemporary perspective in context with the development of tap dance and the societies in which the dance form originated.

281202 TAP DANCE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO TAP DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level of skill within the codified technique of tap dance increasing fluency. They obtain kinesthetic awareness of the elements of dance as they relate to tap dance and develop strategies to document, gain feedback, review and revise tap dance choreography and performance to obtain a specific artistic intent. Students explore and analyze choreographic devices specific to tap dance through improvisation, solving movement problems, and viewing master works. Students use tap dance terminology to respond to and evaluate choreography and performance within traditional and contemporary contexts.

281302 TAP DANCE 3 1 CREDIT

PREREQUISITE: TAP DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students progress to an advanced capacity for tap dance literacy that includes creating , performing , responding to tap choreography and connecting tap to skills across the arts disciplines and other academic areas. Students create a portfolio that contains comprehensive documentation of personal tap performance and choreography including audition requirements for college and career in dance (i.e. head shot and required still photos, video, resume and references).







TRADITIONAL AND EMERGING ENSEMBLES

MARCHING BAND

283102 INTRODUCTION TO MARCHING BAND 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283202 MARCHING BAND 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MARCHING BAND OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, is designed for students with at least one year of experience to experience instrumental music in a marching band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283302 MARCHING BAND 3 1 CREDIT

PREREQUISITE: MARCHING BAND II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, is designed for students to increase artistry through reinforced experiences in an instrumental music marching band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283403 MARCHING BAND 4 1 CREDIT

PREREQUISITE: MARCHING BAND III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, is designed for students with multiple years of high school study to experience instrumental music in a marching band setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283503 MARCHING BAND 5 1 CREDIT

PREREQUISITE: MARCHING BAND IV OR APPROVAL OF THE INSTRUCTOR This is a one-half credit course, advanced level, is designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a marching band setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within

and outside of the arts. **NOTE:** Students granted a waiver substitution from the State Superintendent of Education for the required Lifelong Individualized Fitness Education (LIFE 240002) must take two half credits of marching band to fulfill the one LIFE PE credit.

283110aa INTRODUCTION TO BRASS 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only brass instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283211ab BRASS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO WOODWIND OR APPROVAL OF THE INSTRUCTOR This is a one-half credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of only woodwind instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283310aa BRASS 3 1 CREDIT

PREREQUISITE: BRASS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of only brass instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283410 BRASS 4 1 CREDIT

PREREQUISITE: BRASS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of only brass instruments. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283510 BRASS 5 1 CREDIT

PREREQUISITE: BRASS IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a setting of only brass instruments. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283112 INTRODUCTION TO PERCUSSION 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283212 PERCUSSION 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO PRECUSSION OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of only percussion instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283312 PERCUSSION 3 1 CREDIT

PREREQUISITE: PRECUSSION II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of only percussion instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283412 PERCUSSION 4 1 CREDIT

PREREQUISITE: PRECUSSION III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of only percussion instruments. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283512 PERCUSSION 5 1 CREDIT

PREREQUISITE: PRECUSSION IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283108aa INTRODUCTION TO WOODWINDS 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only woodwind instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283208aa WOODWINDS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO WOODWIND OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of only woodwind instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283308aa WOODWINDS 3 1 CREDIT

PREREQUISITE: WOODWINDS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of only woodwind instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283408 WOODWINDS 4 1 CREDIT

PREREQUISITE: WOODWINDS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of only woodwind instruments. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283508 WOODSWINDS 5 1 CREDIT

PREREQUISITE: WOODWINDS IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a setting of only woodwind instruments. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.





CONCERT BAND

283100 INTRODUCTION TO CONCERT BAND 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283100aa CONCERT BAND 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO CONCERT BAND OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283200 CONCERT BAND 3 1 CREDIT

PREREQUISITE: CONCERT BAND II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283200aa CONCERT BAND 4 1 CREDIT

PREREQUISITE: CONCERT BAND LEVEL III OR APPROVAL OF THE INSTRUCTOR.

This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a concert band setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283501 CONCERT BAND 5 1 CREDIT

PREREQUISITE: CONCERT BAND IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a concert band setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283116 INTRODUCTION TO ORCHESTRA CHAMBER ENSEMBLE 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of a small orchestra ensemble. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283216 ORCHESTRA CHAMBER ENSEMBLE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO ORCHESTRA CHAMBER OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of a small orchestra ensemble. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283316 ORCHESTRA CHAMBER ENSEMBLE 3 1 CREDIT

PREREQUISITE: ORCHESTRA CHAMBER ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of a small orchestra ensemble. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283416aa ORCHESTRA CHAMBER ENSEMBLE 4 1 CREDIT

PREREQUISITE: ORCHESTRA CHAMBER III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of a small orchestra ensemble. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283516aa ORCHESTRA CHAMBER ENSEMBLE 5 1 CREDIT

PREREQUISITE: ORCHESTRA CHAMBER IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a setting of a small orchestra ensemble. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283106aa INTRODUCTION TO INSTRUMENTAL CHAMBER ENSEMBLE 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a chamber setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283206aa INSTRUMENTAL CHAMBER ENSEMBLE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO INSTRUMENTAL CHAMBER ENSEMBLE OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a chamber setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283306 INSTRUMENTAL CHAMBER ENSEMBLE 3 1 CREDIT

PREREQUISITE: INSTRUMENTAL CHAMBER ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music chamber setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283406 INSTRUMENTAL CHAMBER ENSEMBLE 4 1 CREDIT

PREREQUISITE: INSTRUMENTAL CHAMBER ENSEMBLE III OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a chamber setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283506 INSTRUMENTAL CHAMBER ENSEMBLE 5 1 CREDIT

PREREQUISITE: INSTRUMENTAL CHAMBER ENSEMBLE IV OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a chamber setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts

283104 INTRODUCTION TO JAZZ ENSEMBLE 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a jazz band or jazz ensemble setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283204 JAZZ ENSEMBLE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO JAZZ ENSEMBLE OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a jazz band or jazz ensemble setting. Students will continue to develop a characteristic tone and

engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283304 JAZZ ENSEMBLE 3 1 CREDIT

PREREQUISITE: JAZZ ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music jazz band or jazz ensemble setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283404 JAZZ ENSEMBLE 4 1 CREDIT

PREREQUISITE: JAZZ ENSEMBLE III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a jazz band or jazz ensemble setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283504 JAZZ ENSEMBLE 5 1 CREDIT

PREREQUISITE: JAZZ ENSEMBLE IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a jazz band or jazz ensemble setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

280025 MUSIC (SL) INTERNATIONAL BACCALAUREATE 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme.
Content relating to music including musical structure, analysis of composition, notational systems, and arrangement for instruments and/or voices.

280026 MUSIC (HL) INTERNATIONAL BACCALAUREATE 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme.
Content relating to music including musical structure, analysis of composition, notational systems, and arrangement for instruments and/or voices.

283114 INTRODUCTION TO ORCHESTRA 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only orchestra instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283214 ORCHESTRA 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO ORCHESTRA CHAMBER OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of a small orchestra ensemble. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283314 ORCHESTRA 3 1 CREDIT

PREREQUISITE: ORCHESTRA II OR APPROVAL OF THE INSTRUCTOR This is a one-half credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of only orchestra instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283414 ORCHESTRA 4 1 CREDIT

PREREQUISITE: ORCHESTRA III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of only orchestra instruments. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

283514 ORCHESTRA 5 1 CREDIT

PREREQUISITE: ORCHESTRA IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a setting of only orchestra instruments. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

MUSIC TECHNOLOGY

284601 AUDIO TECHNOLOGY 1 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR. This one credit course, proficient level, designed for examination and exploration of audio technologies. Listening skills will be emphasized through audio editing, recording, and basic sound design for film/video.

284651 AUDIO TECHNOLOGY 2 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF INTERMEDIATE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, designed to extend students technical skills and artistry for examination and exploration of audio technologies. Listening skills will be emphasized through audio editing, recording, and basic sound design for film/video to provide a deeper understanding and appreciation of the study of music.

284701 AUDIO TECHNOLOGY 3 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF ACCOMPLISHED OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, designed for students to demonstrate concepts and skills of audio technologies. Equivalent to college-preparatory or honors study, listening skills will be emphasized through audio editing, recording, and sound design for film/video to reinforce a continued enjoyment of music in community or a professional setting.

284602 MIX TECHNIQUES 1 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR. This one credit course, proficient level, is an exploration and application of audio mixing and mastering techniques used in contemporary audio production.

284652 MIX TECHNIQUES 2 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF INTERMEDIATE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is designed to extend students technical skills and artistry through exploration and application of audio mixing and mastering techniques used in contemporary audio production. This course also provides a deeper understanding and appreciation of the study of music.

284702aa MIX TECHNIQUES 3 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF ACCOMPLISHED OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, is designed for students to demonstrate concepts and skills through exploration and application of audio mixing and mastering techniques used in contemporary audio production equivalent to college-preparatory or honors to reinforce a continued enjoyment of music in community or professional setting.

284600 MUSIC PRODUCTION AND ENGINEERING 1 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR. This one credit course, proficient level, is designed as an overview of audio production techniques in a recording studio environment, including industry-standard process and procedures.

284650 MUSIC PRODUCTION AND ENGINEERING 2 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF INTERMEDIATE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is designed to extend students technical skills and artistry of audio production techniques in a recording studio environment, including industry-standard process and procedures to provide a deeper understanding and appreciation of the study of music.

284700 MUSIC PRODUCTION AND ENGINEERING 3 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF ACCOMPLISHED OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, is designed for students to demonstrate concepts and skills of audio production techniques in a recording studio environment, including industry-standard process and procedures equivalent to college-preparatory or honors to reinforce a continued enjoyment of music in community or professional setting.

284603 PRODUCTION TECHNIQUES 1 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR. This one credit course, proficient level, is an exploration and application of recording studio techniques including digital audio workstations, multi-track recording, editing and sound processing. In addition, the production ensemble roles of producer, engineer, assistant engineer and musician will be explored and experienced.

284653 PRODUCTION TECHNIQUES 2 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF INTERMEDIATE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is designed to extend students technical skills and artistry through an exploration and application of recording studio techniques including digital audio workstations, multi-track recording, editing and sound processing. In addition, the production ensemble roles of producer, engineer, assistant engineer and musician will be explored and experienced to provide a deeper understanding and appreciation of the study of music.

284703 PRODUCTION TECHNIQUES 3 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF ACCOMPLISHED OR APPROVAL OF THE INSTRUCTOR.
This one credit course, advanced level, is designed for students to demonstrate concepts and skills through exploration and application of recording studio techniques including digital audio workstations, multi-track recording, editing and sound processing. In addition, the production ensemble roles of producer, engineer, assistant engineer and musician will be explored and experienced equivalent to college-preparatory or honors to reinforce a continued enjoyment of music in community or professional setting.

284604 SOUND ENGINEERING 1 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR. This

one credit course, proficient level, is an examination and application in the art of studio recording. The mixing console, microphones, signal processing and digital recording systems will be studied and experienced.

284654 SOUND ENGINEERING 2 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF INTERMEDIATE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is designed to extend students technical skills and artistry through an examination and application in the art of studio recording. The mixing console, microphones, signal processing and digital recording systems will be studied and experienced to provide a deeper understanding and appreciation of the study of music.

284704 SOUND ENGINEERING 3 W31 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF ACCOMPLISHED OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, is designed for students to demonstrate concepts and skills through an examination and application in the art of studio recording. The mixing console, microphones, signal processing and digital recording systems will be studied and experienced equivalent to college-preparatory or honors to reinforce a continued enjoyment of music in community or professional setting.

CHORAL MUSIC AND ENSEMBLES

283603 INTRODUCTION TO A CAPELLA CHORUS 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to explore unaccompanied choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283703 A CAPELLA CHORUS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO A CAPELLA CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore unaccompanied choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283803 A CAPELLA CHORUS 3 1 CREDIT

PREREQUISITE: A CAPELLA CHORUS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring unaccompanied choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283903 A CAPELLA CHORUS 4 1 CREDIT

PREREQUISITE: A CAPELLA CHORUS III OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore unaccompanied choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283604 INTRODUCTION TO CHAMBER CHORUS 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

283704 CHAMBER CHORUS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO CHAMBER CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

283804 CHAMBER CHORUS 3 1 CREDIT

PREREQUISITE: CHAMBER CHORUS II OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, proficient level, designed for students to increase artistry by exploring choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

283904 CHAMBER CHORUS 4 1 CREDIT

PREREQUISITE: CHAMBER CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

284004 CHAMBER CHORUS 5 1 CREDIT

PREREQUISITE: CHAMBER CHORUS IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to apply concepts of choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

283602 INTRODUCTION TO MEN'S CHORUS 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283702 MEN'S CHORUS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MEN'S CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283802 MEN'S CHORUS 3 1 CREDIT

PREREQUISITE: MEN'S CHORUS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283902 MEN'S CHORUS 4 1 CREDIT

PREREQUISITE: MEN'S CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284002 MEN'S CHORUS 5 1 CREDIT

PREREQUISITE: MIXED CHORUS IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to apply concepts of choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Students at this level

demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283600ad INTRODUCTION TO MIXED CHORUS 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283700ac MIXED CHORUS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MIXED CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283800ab MIXED CHORUS 3 1 CREDIT

PREREQUISITE: MIXED CHORUS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283900ab MIXED CHORUS 4 1 CREDIT

PREREQUISITE: MIXED CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283605aa INTRODUCTION TO SHOW CHOIR 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

283705 SHOW CHOIR 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO SHOW CHOIR I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

283805 SHOW CHOIR 3 1 CREDIT

PREREQUISITE: SHOW CHOIR II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

283905 SHOW CHOIR 4 1 CREDIT

PREREQUISITE: SHOW CHOIR III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills, choreography and movement and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

284005 SHOW CHOIR 5 1 CREDIT

PREREQUISITE: SHOW CHOIR IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to apply concepts of popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills, choreography and movement and sight-reading techniques. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

283601 INTRODUCTION TO WOMEN'S CHORUS 1 1 CREDIT

This is a one credit course, novice level, designed for beginning music students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283701 WOMEN'S CHORUS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO WOMEN'S CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for with at least one year of experience students to continue to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283801 WOMEN'S CHORUS 3 1 CREDIT

PREREQUISITE: WOMEN'S CHORUS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

283906 WOMEN'S CHORUS 4 1 CREDIT

PREREQUISITE: WOMEN'S CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284001 WOMEN'S CHORUS 5 1 CREDIT

PREREQUISITE: WOMEN'S CHORUS IV OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to apply concepts of treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.



THEATER

912406aa **ACTING TECHNIQUES I** **1 CREDIT**

This is the first of a two-course sequence in which the student will focus on the development of the body and voice as the performing instruments in acting. Emphasis is placed on pantomime, improvisation, acting exercises, and building characterizations in short acting scenes. **Prerequisite:** As required by program.

285203ab **ACTING TECHNIQUES 2** **1 CREDIT**

PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, focuses on specific acting techniques. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment through specific acting techniques. Self-expression and an understating of how methods of acting may be used to communicate artistic ideas. Students will study, write and/or perform scenes and monologues, use text analysis as well as character analysis to perform informal and formal productions.

285303ac **ACTING TECHNIQUES 3** **1 CREDIT**

PREREQUISITE: ACTING TECHNIQUE (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, focuses on specific acting techniques. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment through specific acting techniques. Students will refine self-expression and demonstrate an understating of how methods of acting may be used to communicate artistic ideas. Students will continue to study, write and/or perform scenes and monologues, use text analysis as well as character analysis to perform informal and formal productions equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre.

285204ab **ACTING FOR THE CAMERA 2** **1 CREDIT**

PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, focuses on specific acting techniques for the camera. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment by understanding framed shots, facial and physical gestures and performing to the camera. Students will study, write and/or perform scenes and monologues, act in student directed films in addition to producing their own films. Basic camera work and editing will also be emphasized.

285304aa **ACTING FOR THE CAMERA 3** **1 CREDIT**

PREREQUISITE: ACTING FOR THE CAMERA (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines specific acting techniques for the camera. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment by understanding framed shots, facial and physical gestures and performing to the camera. Students will continue to study, write and/or perform scenes and monologues, act in student directed films in addition to producing their own films equivalent to college-preparatory or honors study to reinforce a continued enjoyment of theatre and film production. Advanced camera work and editing will also be emphasized.

285205 **COSTUMING DESIGN AND CONSTRUCTION 2** **1 CREDIT**

PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, is an introduction to the principles, elements and practicalities of costume design and costume construction. Students will learn how to communicate design choices both visually and verbally through rendering techniques and research. An emphasis will be place on the safe practices and proper use of tools, equipment and materials.

285305 COSTUMING DESING AND CONSTRUCTION 3 1 CREDIT

PREREQUISITE: COSTUMING DESISGN AND CONSTRUCTION (II) OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, refines in-depth the principles, elements and practicalities of costume design and costume construction. Students will refine and demonstrate concepts and skills to communicate design choices both visually and verbally through rendering techniques and research equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. A continued emphasis will be place on the safe practices and proper use of tools, equipment and materials.

285009 ELEMENTS OF THEATRE ARTS LITERACY 1 CREDIT

This half credit course will explore arts literacy through theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, performing and assessment to understand how theatre communicates ideas and allows for self-expression. Students will explore how to create and perform informal and formal theatrical works, relating and connecting them to historical, current and personal events. Students will have an introduction to play structure and analysis. Students will be introduced to the technical elements of theatre production. Students will have an introduction to history of theatre, and appropriate etiquette for theatre.

280084 FILM (HL) INTERNATIONAL BACCALAUREATE 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Content relating to film including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world

280083 FILM (SL) INTERNATIONAL BACCALAUREATE 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Content relating to film including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world.

285101 INTRODUCTION TO MUSICAL THEATRE 1 1 CREDIT

This one credit course, proficient level, explores beginning musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their beginning acting and musical talent to explore musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.

285201 MUSICAL THEATER 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MUSICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will continue to use their acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.

285301 MUSICAL THEATER 3 1 CREDIT

PREREQUISITE: MUSICAL THEATRE II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment. Student will demonstrate concepts and skills on how musical theatre communicates ideas and allows for self-expression. Students will use their acting and musical talent to refine their musical theatre technique equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.

285210 PLAYWRITING 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is an introduction to the principles, elements, and practicalities of writing plays in various lengths and structure, building of ideas into dramatic situations, use of dialogue and movement. The students will learn, understand, and explore the principles of plot structure, character motivation and development, and writing for the stage.

285310 PLAYWRITING 3 1 CREDIT

PREREQUISITE: PLAYWRITING (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines in depth the principles, elements, and practicalities of writing plays in various lengths and structure, building of ideas into dramatic situations, use of dialogue and movement. The students will learn, understand, and continue to explore the principles of plot structure, character motivation and development, and writing for the stage equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre.

285207 SCENIC DESIGN AND CONSTRUCTION 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is an introduction to the principles, elements, and practicalities of methods, materials, concepts, and processes involved in the design and construction of scenery. Students will learn design functions, construction, painting, modeling, and theories of design. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials.

285307 SCENIC DESIGN AND CONSTRUCTION 3 1 CREDIT

PREREQUISITE: SCENIC DESIGN AND CONSTRUCTION (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines in depth the principles, elements, and practicalities of methods, materials, concepts, and processes involved in the design and construction of scenery. Students will refine and demonstrate concepts and skills for design functions, construction, painting, modeling, and theories of design. Students will continue to study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre.

285100ac INTRODUCTION TO THEATER 1 1 CREDIT

This one credit course, proficient level, explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre.

285200af THEATRE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO THEATRE I OR APPROVAL OF THE INSTRUCTOR.
This one credit course, accomplished level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will use their acting to refine their theatre and technical technique. Students will study the history of theatre and perform solo, duo and group theatre works.

285300ag THEATRE 3 1 CREDIT

PREREQUISITE: THEATRE II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment. Student will demonstrate concepts and skills on how theatre communicates ideas and allows for self-expression. Students will use their acting talent to refine theatre technique equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. Students will study, write and/or perform scenes and monologues. Students will further study the history of theater and technical theatre.

285102 INTRODUCTION TO TECHNICAL THEATER PRODUCTION 1 CREDIT

This one credit course, proficient level, explores beginning technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn beginning design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials.

285202aa TECHNICAL THEATRE PRODUCTION 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO TECHNICAL THEATRE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further technical skills and artistry through a technical theatre experience. Students will explore in more depth design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials.

285202ab TECHNICAL THEATER PRODUCTION 3 1 CREDIT

PREREQUISITE: TECHNICAL THEATRE PRODUCTION II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to demonstrate concepts and skills through a technical theatre experience. Students will learn design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre.

280082 THEATRE (HL) INTERNATIONAL BACCALAUREATE 1 CREDIT

NOTE: ARTS COURSES MUST CONTAIN THE FOUR ARTISTIC PROCESSES -- CREATE, PERFORM, RESPOND AND CONNECT AS FOUND IN THE ALABAMA COURSE OF STUDY: ARTS EDUCATION. THESE COURSES MAY SERVE TO FULFILL THE CTE AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION AREA OF STUDY. ARTS COURSES LACKING THESE FOUR ARTISTIC PROCESSES MAY SERVE ONLY AS ELECTIVE CREDIT AND MAY ONLY BE OFFERED THROUGH AN APPROVED INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAMME. Content relating to theatre including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world. Content relating to theatre including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world.

280081 THEATRE (SL) INTERNATIONAL BACCALAUREATE 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Content relating to theatre including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world

285208 THEATRE MANAGEMENT 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is an introduction to the principles, elements, and practicalities of theatre management. Student will learn strategic planning; marketing; audience development; grant writing, in addition to company and front-of-the-house management. Business management concepts and practices are explored related to the theatre.

285308 THEATRE MANAGEMENT 3 1 CREDIT

PREREQUISITE: THEATRE MANAGEMENT (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, explores in depth the principles, elements, and practicalities of theatre management. Student will refine and demonstrate concepts and skills for strategic planning; marketing; audience development; grant writing, in addition to company and front-of-the-house management. Advanced business management concepts and practices are emphasized relate to the theatre.





COMPOSITION AND THEORY

284751aa MUSIC COMPOSITION 1 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR.

This one credit, proficient level course explores music composition through academic and hands-on study, and production. The curriculum synthesizes music theory and the process of music composition including the musical elements of rhythm, melody, harmony, form, timbre, and expression, through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284801 MUSIC COMPOSITION 2 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF PROFICIENT OR APPROVAL OF THE INSTRUCTOR.

This one credit, accomplished level is designed to extend students technical skills and artistry by continued exploration of music composition through academic and hands-on study, and production. The curriculum synthesizes music theory and the process of music composition including the musical elements of rhythm, melody, harmony, form, timbre, and expression, through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection to provide a deeper understanding and appreciation of the study of music.

284851 MUSIC COMPOSITION 3 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF ACCOMPLISHED OR APPROVAL OF THE INSTRUCTOR. This one credit, advanced level is designed for students to demonstrate concepts and skills of music composition through academic and hands-on study, and production. The curriculum synthesizes music theory and the process of music composition including the musical elements of rhythm, melody, harmony, form, timbre, and expression, through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection equivalent to college-preparatory or honors to reinforce a continued enjoyment of music in community or professional setting.

280024 ADVANCED PLACEMENT (AP) MUSIC THEORY 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for music; musical structure; analysis of composition; notational systems; arrangement for instruments and/or voices; improvisational accompaniment on piano or other instruments

908201 MUSIC THEORY 1 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR. This one credit, proficient level course explores music theory through academic and hands-on study, and production. The curriculum builds practical understanding of the musical elements including rhythm, melody, harmony, form, and expression through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

908202 MUSIC THEORY 2 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF PROFICIENT OR APPROVAL OF THE INSTRUCTOR.

This one credit, accomplished level is designed to extend students technical skills and artistry by continued exploration of music theory through academic and hands-on study, and production. The curriculum builds practical understanding of the musical elements including rhythm, melody, harmony, form, and expression through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection to provide a deeper understanding and appreciation of the study of music.

284752 SONGWRITING 1 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR.

This one credit, proficient level course explores songwriting through academic and hands-on study, and production. The curriculum synthesizes music theory and the process of songwriting including the musical elements of rhythm, melody, harmony, form, timbre, and expression, through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284802 SONGWRITING 2 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF PROFICIENT OR APPROVAL OF THE INSTRUCTOR. This one credit, accomplished level is designed to extend students technical skills and artistry by continued exploration of songwriting through academic and hands-on study, and production. The curriculum synthesizes music theory and the process of songwriting including the musical elements of rhythm, melody, harmony, form, timbre, and expression, through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection to provide a deeper understanding and appreciation of the study of music.

284852 SONGWRITING 3 1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICENCY LEVEL OF ACCOMPLISHED OR APPROVAL OF THE INSTRUCTOR. This one credit, advanced level is designed for students to demonstrate concepts and skills of course explores songwriting through academic and hands-on study, and production. The curriculum synthesizes music theory and the process of songwriting including the musical elements of rhythm, melody, harmony, form, timbre, and expression, through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection equivalent to college-preparatory or honors to reinforce a continued enjoyment of music in community or professional setting.

908210 FUNDAMENTALS OF MUSIC DUAL ENROLLMENT 1 CREDIT

This course is designed to teach the basic fundamentals of music and develop usable musical skills for the classroom teacher. Topics include rhythmic notation, simple and compound meters, pitch notation, correct singing techniques, phrases, keyboard awareness, key signatures, scales, intervals, and harmony using I, IV, and V with a chordal instrument. Upon completion, students should be able to sing a song, harmonize a simple tune, and demonstrate rhythmic patterns and identify musical concepts through written documentation.

HARMONIZING INSTRUMENTS

284101 INTRODUCTION TO BASS GUITAR 1 1 CREDIT

This is a one credit course, novice level designed for beginning music students to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284201 BASS GUITAR 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO BASS GUITAR I OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music through instruments capable of producing both melody and harmony such as string bass and electric base. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284301 BASS GUITAR 3 1 CREDIT

PREREQUISITE: BASS GUITAR II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting through instruments capable of producing both melody and harmony such as string bass and electric base. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284401 BASS GUITAR 4 1 CREDIT

PREREQUISITE: INTRODUCTION TO BASS GUITAR III OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, accomplished level designed for students with multiple years of high school study to experience instrumental music through instruments capable of producing both melody and harmony such as string bass and electric base. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284501 BASS GUITAR 5 1 CREDIT

PREREQUISITE: BASS GUITAR IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music through instruments capable of producing both melody and harmony such as string bass and electric base. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

907832 CLASS PIANO 1 CREDIT

Group instruction is available in voice, piano, strings, woodwinds, brass, percussion and fretted instruments for students with little or no previous training. Emphasis is placed on the rudiments of music, basic performance technique and general musicianship skills. Upon completion of one or a sequence of courses, students should be able to demonstrate a basic proficiency in singing or playing and a knowledge of music fundamentals.
Prerequisite: As required by program.

284100 INTRODUCTION TO GUITAR 1 1 CREDIT

This is a one credit course, novice level designed for beginning music students to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284200 GUITAR 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO GUITAR I OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284300 GUITAR 3 1 CREDIT

PREREQUISITE: GUITAR II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284400 GUITAR 4 1 CREDIT

PREREQUISITE: GUITAR III OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284500 GUITAR 5 1 CREDIT

PREREQUISITE: GUITAR IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284102ac INTRODUCTION TO PIANO 1 1 CREDIT

This is a one credit course, novice level designed for beginning music students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284202 PIANO 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO PIANO I OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284302 PIANO 3 1 CREDIT

PREREQUISITE: PIANO II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284402 PIANO 4 1 CREDIT

PREREQUISITE: PIANO III OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

284502 PIANO 5 1 CREDIT

PREREQUISITE: PIANO IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.







MEDIA ARTS

282101 INTRODUCTION TO DIGITAL IMAGING 1 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing digital imagery, graphics and photography, including techniques, genres and styles from fine arts and commercial advertising, internet and multimedia, web design, industrial and virtual design. Typical course topics include: aesthetic meaning, appreciation and analysis; composing, capturing, processing, and programming of imagery and graphical information; their transmission, distribution and marketing; as well as contextual, cultural and historical aspects and considerations.

2822201 DIGITAL IMAGING 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO DIGITAL IMAGING OR APPROVAL OF THE INSTRUCTOR This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing digital imagery, graphics and photography, including techniques, genres and styles from fine arts and commercial advertising, internet and multimedia, web design, industrial and virtual design. Typical course topics include: aesthetic meaning, appreciation and analysis; composing, capturing, processing, and programming of imagery and graphical information; their transmission, distribution and marketing; as well as contextual, cultural and historical aspects and considerations.

282301 DIGITAL IMAGING 3 1 CREDIT

PREREQUISITE: DIGITAL IMAGEING II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing digital imagery, graphics and photography, including techniques, genres and styles from fine arts and commercial advertising, internet and multimedia, web design, industrial and virtual design. Typical course topics include: aesthetic meaning, appreciation and analysis; composing, capturing, processing, and programming of imagery and graphical information; their transmission, distribution and marketing; as well as contextual, cultural and historical aspects and considerations.

282107 INTRODUCTION TO DIGITAL SOUND DESIGN 1 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing sound for the variety of multimedia and popular musical forms, including: artistic and experimental presentations and/or installations; soundtracks for moving image; interactive, immersive and performance media, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of sound and music; processes of development including: composition, sound physics, programming and synthesis; techniques, forms and technologies; production and postproduction methods, tools and processes; sound performance and presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282207 DIGITAL SOUND DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO DIGITAL SOUND DESIGN OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing sound for the variety of multimedia and popular musical forms, including: artistic and experimental presentations and/or installations; soundtracks for moving image; interactive, immersive and performance media, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of sound and music; processes of development including: composition, sound physics, programming and synthesis; techniques, forms and technologies; production and postproduction methods, tools and processes; sound performance and presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282307 DIGITAL SOUND DESIGN 3 1 CREDIT

PREREQUISITE: DIGITAL SOUND DESIGN II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing sound for the variety of multimedia and popular musical forms, including: artistic and experimental presentations and/or installations; soundtracks for moving image; interactive, immersive and performance media, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of sound and music; processes of development including: composition, sound physics, programming and synthesis; techniques, forms and technologies; production and postproduction methods, tools and processes; sound performance and presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282102 INTRODUCTION TO INTERACTIVE DESIGN 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing interactive media arts experiences, products and services, including reactive (sensory-based [touch, proximity, movement, etc.] devices) and interactive technologies, interface design, mobile device applications, web multimedia, social media based, augmented, and/or virtual reality. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of interactive experiences; their transmission, distribution and marketing, as well as contextual, cultural and historical aspects and considerations.

282202 INTERACTIVE DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO INTERACTIVE DESIGN OR APPROVAL OF THE INSTRUCTOR This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing interactive media arts experiences, products and services, including reactive (sensory-based [touch, proximity, movement, etc.] devices) and interactive technologies, interface design, mobile device applications, web multimedia, social media based, augmented, and/or virtual reality. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of interactive experiences; their transmission, distribution and marketing, as well as contextual, cultural and historical aspects and considerations. (LEA adds content specific information for courses).

282302 INTERACTIVE DESIGN 3 1 CREDIT

PREREQUISITE: INTERACTIVE DESIGN II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing interactive media arts experiences, products and services, including reactive (sensory-based [touch, proximity, movement, etc.] devices) and interactive technologies, interface design, mobile device applications, web multimedia, social media based, augmented, and/or virtual reality. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of interactive experiences; their transmission, distribution and marketing, as well as contextual, cultural and historical aspects and considerations.

282103 INTRODUCTION TO INTERACTIVE GAME DESIGN 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing 2-D and 3-D interactive game experiences and products, including reactive (sensory-based [touch, proximity, movement, etc.]) devices and interactive technologies, interface design, mobile device applications, web multimedia and/or virtual reality games. Typical course topics include: aesthetic meaning, appreciation and analysis; story design (or storytelling), game construction and development; game theory and dynamics; processing, modeling, simulation and programming of interactive experiences; their transmission, distribution, marketing, as well as contextual, cultural and historical aspects and considerations.

282203 INTERACTIVE GAME DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO INTERACTIVE GAME DESIGN OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing 2-D and 3-D interactive game experiences and products, including reactive (sensory-based [touch, proximity, movement, etc.]) devices and interactive technologies, interface design, mobile device applications, web multimedia and/or virtual reality games. Typical course topics include: aesthetic meaning, appreciation and analysis; story design (or storytelling), game construction and development; game theory and dynamics; processing, modeling, simulation and programming of interactive experiences; their transmission, distribution, marketing, as well as contextual, cultural and historical aspects and considerations.

282303 INTERACTIVE GAME DESIGN 3 1 CREDIT

PREREQUISITE: INTERACTIVE GAME DESIGN II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing 2-D and 3-D interactive game experiences and products, including reactive (sensory-based [touch, proximity, movement, etc.]) devices and interactive technologies, interface design, mobile device applications, web multimedia and/or virtual reality games. Typical course topics include: aesthetic meaning, appreciation and analysis; story design (or storytelling), game construction and development; game theory and dynamics; processing, modeling, simulation and programming of interactive experiences; their transmission, distribution, marketing, as well as contextual, cultural and historical aspects and considerations.

282110 INTRODUCTION TO INTERMEDIA DESIGN 1 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing inter-disciplinary media arts, intermedia and/or transmedia, that merges mediums in diverse combinations and emerging hybrids. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of blended physical, interactive, multimedia and virtual experiences and/or environments across arts forms, platforms, mediums and technologies; their presentation, transmission, distribution & marketing; as well as contextual, cultural, and historical aspects/considerations.

282210 INTERMEDIA DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO INTERMEDIA DESIGN OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing inter-disciplinary media arts, intermedia and/or transmedia, that merges mediums in diverse combinations and emerging hybrids. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of blended physical, interactive, multimedia and virtual experiences and/or environments across arts forms, platforms, mediums and technologies; their presentation, transmission, distribution & marketing; as well as contextual, cultural, and historical aspects/considerations. (LEA adds content specific information for courses)

282310 INTERMEDIA DESIGN 3 1 CREDIT

PREREQUISITE: INTERMEDIA DESIGN II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing inter-disciplinary media arts, intermedia and/or transmedia, that merges mediums in diverse combinations and emerging hybrids. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of blended physical, interactive, multimedia and virtual experiences and/or environments across arts forms, platforms, mediums and technologies; their presentation, transmission, distribution & marketing; as well as contextual, cultural, and historical aspects/considerations.

282100 INTRODUCTION TO MEDIA ARTS 1 CREDIT

This is a one credit course, proficient level, introduction to the creative and conceptual aspects of designing media arts experiences and products, including techniques, genres and styles from various and combined mediums and forms, including moving image, sound, interactive, spatial and/or interactive design. Typical course topics include: aesthetic meaning, appreciation and analysis; composing, capturing, processing and programming of media arts products, experiences and communications; their transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282200 MEDIA ARTS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MEDIA ARTS OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, continues the creative and conceptual aspects of designing media arts experiences and products, including techniques, genres and styles from various and combined mediums and forms, including moving image, sound, interactive, spatial and/or interactive design. Typical course topics include: aesthetic meaning, appreciation and analysis; composing, capturing, processing and programming of media arts products, experiences and communications; their transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282300 MEDIA ARTS 3 1 CREDIT

PREREQUISITE: MEDIA ARTS II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines the creative and conceptual aspects of designing media arts experiences and products, including techniques, genres and styles from various and combined mediums and forms, including moving image, sound, interactive, spatial and/or interactive design. Typical course topics include: aesthetic meaning, appreciation and analysis; composing, capturing, processing and programming of media arts products, experiences and communications; their transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282111 INTRODUCTION TO MEDIA ARTS THEORY I 1 CREDIT

This one credit course, proficient level, covers the conceptual, social and philosophical aspects of the variety, purposes and nature of media arts. Typical course topics include: aesthetic meaning; appreciation and analysis of the range of media art experiences, styles, genres and forms; limited experience in its production tools, methods and processes; the role of media technologies in society and their co-evolution, and contemporary multi-literacies of information, media and digital environments.

282211 MEDIA ARTS THEORY 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MEDIA ARTS THEORY OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues to cover the conceptual, social and philosophical aspects of the variety, purposes and nature of media arts. Typical course topics include: aesthetic meaning; appreciation and analysis of the range of media art experiences, styles, genres and forms; limited experience in its production tools, methods and processes; the role of media technologies in society and their co-evolution, and contemporary multi-literacies of information, media and digital environments. (LEA adds content specific information for courses).

282311 MEDIA ARTS THEORY 3 1 CREDIT

PREREQUISITE: MEDIA ARTS THEORY II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, refines the conceptual, social and philosophical aspects of the variety, purposes and nature of media arts. Typical course topics include: aesthetic meaning; appreciation and analysis of the range of media art experiences, styles, genres and forms; limited experience in its production tools, methods and processes; the role of media technologies in society and their co-evolution, and contemporary multi-literacies of information, media and digital environments. (LEA adds content specific information for courses).

282106 INTRODUCTION TO MOVING IMAGE ANIMATION 1 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing animated images for the variety of storytelling and multimedia presentations including: dramatic narratives, artistic and experimental presentations and/or installations, ambient, interactive, immersive and performance media, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of animation; all processes of development including: composition and rendering, animation physics and expressions; techniques, forms and technologies; modeling and programming; pre-production planning and organization; production and post-production methods, tools and processes; animation presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282206 MOVING IMAGE ANIMATION 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MOVING IMAGE ANIMATION OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing animated images for the variety of storytelling and multimedia presentations including: dramatic narratives, artistic and experimental presentations and/or installations, ambient, interactive, immersive and performance media, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of animation; all processes of development including: composition and rendering, animation physics and expressions; techniques, forms and technologies; modeling and programming; pre-production planning and organization; production and post-production methods, tools and processes; animation presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282306 MOVING IMAGE ANIMATION 3 1 CREDIT

PREREQUISITE: MOVING IMAGE ANIMATION II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing animated images for the variety of storytelling and multimedia presentations including: dramatic narratives, artistic and experimental presentations and/or installations, ambient, interactive, immersive and performance media, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of animation; all processes of development including: composition and rendering, animation physics and expressions; techniques, forms and technologies; modeling and programming; pre-production planning and organization; production and post-production methods, tools and processes; animation presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282109 INTRODUCTION TO MULTIMEDIA DESIGN 1 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing media arts experiences, products and services that combine imagery, text, sound, motion, interactivity and/or virtually into a unified presentation. Typical course topics include: aesthetic meaning, appreciation and analysis; composition, development, processing and programming of combined physical, interactive and virtual experiences and environments; their presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282209 MULTIMEDIA DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO MULTIMEDIA DESIGN OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing media arts experiences, products and services that combine imagery, text, sound, motion, interactivity and/or virtually into a unified presentation. Typical course topics include: aesthetic meaning, appreciation and analysis; composition, development, processing and programming of combined physical, interactive and virtual experiences and environments; their presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations. (LEA adds content specific information for courses)

282309 MULTIMEDIA DESIGN 3 1 CREDIT

PREREQUISITE: MULTIMEDIA DESIGN II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing media arts experiences, products and services that combine imagery, text, sound, motion, interactivity and/or virtually into a unified presentation. Typical course topics include: aesthetic meaning, appreciation and analysis; composition, development, processing and programming of combined physical, interactive and virtual experiences and environments; their presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282105 INTRODUCTION TO SEQUENTIAL IMAGES 1 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing moving and sequential images for the variety of cinematic, film/video, static sequential, and multimedia presentations including: fictional dramas, documentaries, music videos, artistic and experimental presentations and/or installations, interactive, immersive and performance media, traditional and digital comics, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of moving imagery; all processes of development including: storytelling, pre-production planning and organization, production and post-production methods, tools and processes; moving image presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations. (LEA adds content specific information for courses).

282205 SEQUENTIAL IMAGES 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO SEQUENTIAL IMAGES OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing moving and sequential images for the variety of cinematic, film/video, static sequential, and multimedia presentations including: fictional dramas, documentaries, music videos, artistic and experimental presentations and/or installations, interactive, immersive and performance media, traditional and digital comics, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of moving imagery; all processes of development including: storytelling, pre-production planning and organization, production and post-production methods, tools and processes; moving image presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282305 SEQUENTIAL IMAGES 3 1 CREDIT

PREREQUISITE: SEQUENTIAL IMAGES II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing moving and sequential images for the variety of cinematic, film/video, static sequential, and multimedia presentations including: fictional dramas, documentaries, music videos, artistic and experimental presentations and/or installations, interactive, immersive and performance media, traditional and digital comics, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of moving imagery; all processes of development including: storytelling, pre-production planning and organization, production and post-production methods, tools and processes; moving image presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

282108 INTRODUCTION TO VIRTUAL DESIGN 1 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing simulative, virtual, 3D media arts experiences, products and services, including: environments, structures, objects, architecture and ecologies, virtual and augmented reality. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of experiences, structures, architecture and/or environments; their presentation, transmission, distribution and marketing, as well as contextual, cultural, and historical aspects and considerations.
(LEA adds content specific information for courses)

282208 VIRTUAL DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO VIRTUAL DESIGN OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing simulative, virtual, 3D media arts experiences, products and services, including: environments, structures, objects, architecture and ecologies, virtual and augmented reality. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of experiences, structures, architecture and/or environments; their presentation, transmission, distribution and marketing, as well as contextual, cultural, and historical aspects and considerations. (LEA adds content specific information for courses)

282308 VIRTUAL DESIGN 3 1 CREDIT

PREREQUISITE: VIRTUAL DESIGN II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing simulative, virtual, 3D media arts experiences, products and services, including: environments, structures, objects, architecture and ecologies, virtual and augmented reality. Typical course topics include: aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of experiences, structures, architecture and/or environments; their presentation, transmission, distribution and marketing, as well as contextual, cultural, and historical aspects and considerations.

282104 INTRODUCTION TO WEB DESIGN 1 1 CREDIT

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing interactive, multimedia web sites and experiences, products and services, including information architecture, graphic and interface design and web-based multimedia. Typical course topics include: aesthetic meaning, appreciation and analysis; development, construction, and programming of virtual, multimedia and interactive experiences; their applications in Internet communications; as well as contextual, cultural and historical aspects and considerations.

282204 WEB DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO WEB DESIGN OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the creative and conceptual aspects of designing and producing interactive, multimedia web sites and experiences, products and services, including information architecture, graphic and interface design and web-based multimedia. Typical course topics include: aesthetic meaning, appreciation and analysis; development, construction, and programming of virtual, multimedia and interactive experiences; their applications in Internet communications; as well as contextual, cultural and historical aspects and considerations.

282304 WEB DESIGN 3 1 CREDIT

PREREQUISITE: WEB DESIGN II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines the creative and conceptual aspects of designing and producing interactive, multimedia web sites and experiences, products and services, including information architecture, graphic and interface design and web-based multimedia. Typical course topics include: aesthetic meaning, appreciation and analysis; development, construction, and programming of virtual, multimedia and interactive experiences; their applications in Internet communications; as well as contextual, cultural and historical aspects and considerations.

VISUAL ARTS

286100ac **INTRODUCTION TO VISUAL ARTS 1** **1 CREDIT**

This one credit course, novice level, it is the first of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

286200ac **VISUAL ARTS 2** **1 CREDIT**

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, it is the second of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth study of foundations in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

286300ac **VISUAL ARTS 3** **1 CREDIT**

PREREQUISITE: VISUAL ARTS II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, it is the third of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in studio processes, art criticism, aesthetics, and art history to provide a deeper understanding and appreciation of visual arts. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

286400ab **VISUAL ARTS 4** **1 CREDIT**

PREREQUISITE: VISUAL ARTS III OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, it is the fourth of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Student will demonstrate concepts and skills through continued exploration and experimentation with an advanced study in studio processes, art criticism, aesthetics, and art history. Students will demonstrate critical problem solving techniques to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art equivalent to college-preparatory or honors to reinforce a continued enjoyment of visual arts. Safe practices and proper use of tools and materials are emphasized.

280101 ADVANCED PLACEMENT (AP) ART HISTORY 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; art history; western and non-western art; cultural influences in art; prehistoric through contemporary art; discovery and preservation of art; aesthetics; criticism; analysis and interpretation.

286207aa CERAMICS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how ceramics communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth foundation in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286307 CERAMICS 3 1 CREDIT

PREREQUISITE: CERAMICS (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how ceramics communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of ceramics. Safe practices and proper use of tools, equipment and materials are emphasized.

286407 CERAMICS 4 1 CREDIT

PREREQUISITE: CERAMICS (III) OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, is third of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how ceramics communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286101 INTRODUCTION TO CRAFTS 1 1 CREDIT

This one credit course, novice level, it is the first of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how craft arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media, safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design.

286201 CRAFTS 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO VISUAL ARTS, INTRODUCTION TO CRAFTS OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, it is the second of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how craft arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth study of foundations in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media, safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design.

286301 CRAFTS 3 1 CREDIT

PREREQUISITE: CRAFTS II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, it is the third of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how craft arts communicate ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media to provide a deeper understanding and appreciation of craft arts. Safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design are emphasized.

286401 CRAFTS 4 1 CREDIT

PREREQUISITE: CRAFTS III OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, it is the fourth of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how craft arts communicate ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media, safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design.

286103 INTRODUCTION TO DIGITAL PHOTOGRAPHY 1 1 CREDIT

This one credit course, novice level, it is the first of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated.

286203 DIGITAL PHOTOGRAPHY 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO DIGITAL PHOGOTGRAHY OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, it is the second of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth study in foundations of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated.

286303 DIGITAL PHOTOGRAPHY 3 1 CREDIT

PREREQUISITE: DIGITAL PHOTOGRAPHY II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, it is the third of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems to provide a deeper understanding and appreciation of photography. Minimal use of analog photography may be incorporated.

286403 DIGITAL PHOTOGRAPHY 4 1 CREDIT

PREREQUISITE: DIGITAL PHOTOGRAPHY III OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, it is the fourth of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated.

286210 DRAWING 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of drawing. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how drawing communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the drawing studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary drawing process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286310 DRAWING 3 1 CREDIT

PREREQUISITE: DRAWING OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of drawing. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how drawing communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the drawing studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary drawing process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of drawing. Safe practices and proper use of tools, equipment and materials are emphasized.

286410 DRAWING 4 1 CREDIT

PREREQUISITE: DRAWING II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, is third of a sequential high school course focusing on the medium of drawing. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how drawing communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate

critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the drawing studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary drawing process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

280102 ADVANCED PLACEMENT (AP) STUDIO ART: DRAWING 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of drawing in concept, composition, and execution; develop a body of work investigating a visual idea in drawing; variety of concepts and approaches in drawing; documentation

286106aa INTRODUCTION TO GRAPHIC DESIGN 1 1 CREDIT

This one credit course, novice level, it is the first of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through exploration and experimentation, this course introduces core concepts of visual communication principles and provides students with a foundation in the graphic design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286206 GRAPHIC DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO GRAPHIC DESIGN OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, it is the second of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how graphic design communicates ideas and allows for self-expression. Through exploration and experimentation, this course increases development of core concepts in visual communication principles and provides students with a foundation in the graphic design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286306 GRAPHIC DESIGN 3 1 CREDIT

PREREQUISITE: GRAPHIC DESIGN II OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, it is the third of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the graphic design studio processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of graphic design. Safe practices and proper use of tools, equipment and materials are emphasized.

286406 GRAPHIC DESIGN 4 1 CREDIT

PREREQUISITE: GRAPHIC DESIGN III OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, it is the fourth of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and expands core concepts in design to provide students with an advanced study equivalent to college-preparatory or honors in the two-dimensional design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286208 PAINTING 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how painting communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.

286308 PAINTING 3 1 CREDIT

PREREQUISITE: PAINTING OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how painting communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of painting. Safe practices and proper use of tools, equipment, and materials are emphasized.

286408 PAINTING 4 1 CREDIT

PREREQUISITE: PAINTING II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, is third of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how painting communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.

286102ac INTRODUCTION TO PHOTOGRAPHY 1 1 CREDIT

This one credit course, novice level, it is the first of a sequential high school course focusing on photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation of analog photography, elements and

principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of analog photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of digital photography may be incorporated.

286202aa PHOTOGRAPHY 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO PHOGOTGRAHY OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, it is the second of a sequential high school course focusing on photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth study in foundations of analog photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of analog photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of digital photography may be incorporated.

286302aa PHOTOGRAPHY 3 1 CREDIT

PREREQUISITE: PHOGOTGRAHY II OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, it is the third of a sequential high school course focusing on photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study of analog photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of analog photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems to provide a deeper understanding and appreciation of photography. Minimal use of digital photography may be incorporated.

286402 PHOTOGRAPHY 4 1 CREDIT

PREREQUISITE: PHOTOGRAPHY III OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, it is the fourth of a sequential high school course focusing on photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors of analog photography: elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of analog photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of digital photography may be incorporated.

286209 PRINTMAKING 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of printmaking. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how printmaking communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the printmaking studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary printmaking process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.

286309 PRINTMAKING 3 1 CREDIT

PREREQUISITE: PRINTMAKING OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of printmaking. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how printmaking communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the printmaking studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary printmaking process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of printmaking. Safe practices and proper use of tools, equipment, and materials are emphasized.

286409 PRINTMAKING 4 1 CREDIT

PREREQUISITE: PRINTMAKING II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, is third of a sequential high school course focusing on the medium of printmaking. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how printmaking communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the printmaking studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary printmaking process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.

286211aa SCULPTURE 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of sculpture. Creating, presenting, responding, and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how sculpture communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the sculpture studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary sculpture process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286311aa SCULPTURE 3 1 CREDIT

PREREQUISITE: SCULPTURE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of sculpture. Creating, presenting, responding, and connecting drive critical thinking, meaning, reflection, production and assessment to understand how sculpture communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the sculpture studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary sculpture process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of sculpture. Safe practices and proper use of tools, equipment and materials are emphasized.

286411 SCULPTURE 4 1 CREDIT

PREREQUISITE: SCULPTURE II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, is third of a sequential high school course focusing on the medium of sculpture. Creating, presenting, responding, and connecting drive critical thinking, meaning, reflection, production and assessment to understand how sculpture communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the sculpture studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary sculpture process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286104 INTRODUCTION TO TWO-DIMENSIONAL DESIGN 1 CREDIT

This one credit course, novice level, it is the first of a sequential high school course focusing directly on two-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how two-dimensional design communicates ideas and allows for self-expression. Through exploration and experimentation, this course introduces core concepts of design and provides students with a foundation in the two-dimensional design processes, art criticism, aesthetics, and art history. Students will address design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286204 TWO-DIMENSIONAL DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO TWO-DIMENSIONAL DESIGN OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, it is the second of a sequential high school course focusing directly on two-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how two-dimensional design communicates ideas and allows for self-expression. Through exploration and experimentation, this course increases development of core concepts in design and provides students with a foundation in the two-dimensional design processes, art criticism, aesthetics, and art history. Students will address design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286304 TWO-DIMENSIONAL DESIGN 3 1 CREDIT

PREREQUISITE: TWO-DIMENSIONAL DESIGN II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, it is the third of a sequential high school course focusing directly on two-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how two-dimensional design communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the two-dimensional design studio processes, art criticism, aesthetics, and art history to provide a deeper understanding and appreciation of two-dimensional design. Students will address design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286404 TWO-DIMENSIONAL DESIGN 4 1 CREDIT

PREREQUISITE: THREE-DIMENSIONAL DESIGN III OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, it is the fourth of a sequential high school course focusing directly on three-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how three-dimensional design communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and refines core concepts in design to provide students with an advanced study equivalent to college-preparatory or honors in the two-dimensional design processes, art criticism, aesthetics, and art history Students will address spatial design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

280103 ADVANCED PLACEMENT STUDIO ART: TWO-DIMENSIONAL DESIG 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of design in concept, composition, and execution; develop a body of work investigating a visual idea in 2-D design; variety of concepts and approach in 2-D design; documentation

286105 INTRODUCTION TO THREE-DIMENSIONAL DESIGN 1 CREDIT

This one credit course, novice level, it is the first of a sequential high school course focusing directly on three-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how three-dimensional design communicates ideas and allows for self-expression. Through exploration and experimentation, this course introduces core concepts of spatial visual design and provides students with a foundation in the three-dimensional design processes, art criticism, aesthetics, and art history. Students will address spatial design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286205 THREE-DIMENSIONAL DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO THREE-DIMENSIONAL DESIGN OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, it is the second of a sequential high school course focusing directly on three-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how three-dimensional design communicates ideas and allows for self-expression. Through exploration and experimentation, this course increases development of core concepts in spatial visual design and provides students with a foundation in the three-dimensional design processes, art criticism, aesthetics, and art history. Students will address spatial design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286305 THREE-DIMENSIONAL DESIGN 3 1 CREDIT

PREREQUISITE: THREE-DIMENSIONAL DESIGN II OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, it is the third of a sequential high school course focusing directly on three-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how three-dimensional design communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the three-dimensional design studio processes, art criticism, aesthetics, and art history to provide a deeper understanding and appreciation of

three-dimensional design. Students will address spatial design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

286405 THREE-DIMENSIONAL DESIGN 4 1 CREDIT

PREREQUISITE: THREE-DIMENSIONAL DESIGN III OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, it is the fourth of a sequential high school course focusing directly on three-dimensional design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how three-dimensional design communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and refines core concepts in design to provide students with an advanced study equivalent to college-preparatory or honors in the two-dimensional design processes, art criticism, aesthetics, and art history Students will address spatial design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

280104 ADVANCED PLACEMENT STUDIO ART: THREE-DIMENSIONAL DESIGN 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of design in concept, composition, and execution; develop a body of work investigating a visual idea in 3-D design; variety of concepts and approach in 3-D design; documentation.







HEALTH EDUCATION

MR. R. BRAD LOWELL, SUPERVISOR
rlowell@mcpss.com **221-6277**

Health Education provides students with opportunities to apply health-related knowledge to personal life. Health is more than absences from disease; it involves one's mental, emotional, social, and environmental well-being. Through a strong health instructional program, students will acquire knowledge to directly influence their lives in a positive manner.

Course Descriptions

250002 HEALTH EDUCATION 10 .5 CREDIT
This required course is comprehensive in content and provides students with the opportunity to gain knowledge and skills necessary to make appropriate decisions concerning their health and health-related behaviors. This is a half-credit course which is required for graduation. It is recommended that students take this course in Grade 10.

250003 ADVANCED HEALTH EXPLORATION .5 CREDIT
Course is designed to provide students with in-depth instruction in health concepts, issues, and careers; **does not fulfill the ½ health credit required for graduation**

250003ab GLOBAL HEALTH 1 CREDIT
This course will provide students with an in-depth view into the profession of Allied Health Careers.

250003ac NUTRITION AND DIET .5 CREDIT
With obesity rates at an all-time high and Alabama being the second most obese state in the country, the purpose of this course is designed to show high school students the impact proper nutrition has over a lifetime. It will also familiarize students with the physical, emotional, and psychological impact a healthy diet can have on one's body. This course will teach students how to select and prepare nutritious meals and snacks based on the United States Department of Agriculture (USDA) 2010 Guidelines and My Plate and the impacts technology and science plays in the nutrition and diet.

JUNIOR RESERVE OFFICER TRAINING CORPS

LTC (RET) ROBERT F. BARROW, SUPERVISOR
rbarrow@mcpss.com **221-5100**

The mission of the Junior ROTC program is to motivate young people to be better citizens. The Course of Studies has a very high correlation to the ACT and Common Core Standards and Objectives. The curriculum is based on a systematic progression of learning that is designed for students' development at each level. The scope, focus and content of the instruction are sequential. It reflects and builds upon the previous semesters' curriculum. In addition to the emphasis placed on citizenship and leadership, the curriculum incorporates Health/Wellness, Basic First Aid, CPR, Drug Abuse Prevention, Presidential Physical Fitness Program, American History, Techniques of Communications, Safety, Human Relations, Technology Awareness and Career Opportunities.

Special Notes: Naval Science courses are offered only at Davidson High School. No military obligation or service connection is incurred by students due to or because of Junior ROTC training.

NON-TRADITIONAL STUDENTS WHO ENROLL IN JROTC PROGRAMS

Non-Traditional students are those who are homeschooled; yet, enroll in MCPSS to take part in JROTC activities that are not offered through their homeschool program. Non-traditional students interested in participating in JROTC must adhere to the following criteria:

- Student must follow the enrollment procedures for Non-Traditional students as written in the Registration section of the Educational Planning Guide.
- Student must provide their own transportation to and from school.
- The student must attend classes at the school at the prescribed hour on all regularly scheduled school days. District attendance guidelines are also applicable to homeschool students to include referral to truancy court if necessary.
- Special needs students will need to be assessed by district's Division of Special Services to determine if they qualify for accommodations under the Individuals with Disabilities Education Act (IDEA) and if they qualify for an Individualized Education Plan (IEP) or a 504 Plan.
- Students are expected to participate in all JROTC Curriculum activities and requirements to include physical fitness training, research projects, weekly exams, essays, and end of quarter/semester exams.
- Students must comply with grooming standards associated with the wear of JROTC cadet uniforms based on the branch of service sponsoring the program. Cadets traditionally wear their uniform a minimum of once per week.
- In order to participate in extra- and co-curricular activities, the student must meet Alabama High School Athletic Association "Academics First" criteria which include a minimum of a 2.0 grade point average (GPA) and not have any major code of conduct violations or other legal issues that might bring discredit to the JROTC program. The GPA requirement includes the calculation of homeschooled courses and traditional school grades.
- Students will have equal opportunity to qualify for competitive teams sponsored by JROTC. Those who earn the right to play must attend all practices as scheduled by the JROTC cadre. These typically take place after regular school hours and on weekends.
- Students may participate in any non-competitive JROTC extra-curricular activity with the approval of the JROTC cadre.

- Student is responsible for any lab fees or other expenses that are expected of regularly enrolled cadets.
- Traditional students who decide to be homeschooled because of failing grades are deemed ineligible to participate in JROTC for a period of 1 year.

Attendance procedures are as follows. If the JROTC class in which the NTS student is participating in is not offered during first block, then the NTS student must be enrolled in a first block. Period 1 is to be used as an attendance block in this situation (Course Number 802111ar – *NTS Stude t Atte da ce).* This course number will be added to the master schedule under the JROTC Instructor of the extracurricular activity.

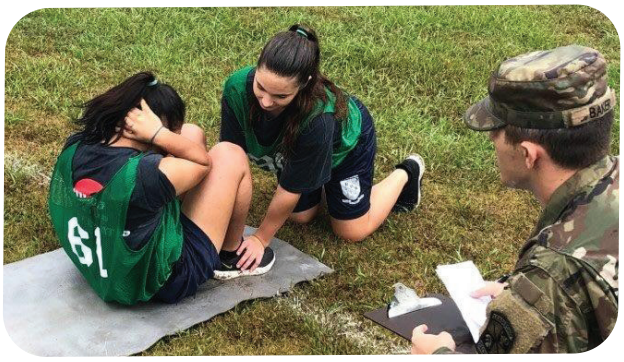
Example of student's schedule:

Block 1	*Course name*	*Teacher*
802111ar	NTS Attendance	JROTC Instructor

Note: The student is not required to come to first block in this situation since it is only attendance. The JROTC Instructor will mark 1st block attendance once the student has reported to (for example) 4th Block – Army JROTC 1, which is also in the student's schedule.

Point of contact is the undersigned at 251-221-5100 or by email at rfbarrow@mcpss.com . These guidelines may be amended as needed in order to meet current or future legislative requirements.









ARMY JROTC COURSE OPTIONS

COURSE NUMBER	COURSE TITLE	SEMESTER	COURSE LEVEL
480041	Army JROTC Leadership Education and Training 1	Fall	Freshman
480045	Army JROTC 1 B	Spring	Freshman
480042	Army JROTC Leadership Education and Training 2	Fall	Sophomore
480046	Army JROTC 2 B	Spring	Sophomore
480043	Army JROTC Leadership Education and Training 3	Fall	Junior
480047	Army JROTC 3B	Spring	Junior
480044	Army JROTC Leadership Education and Training 4	Fall	Senior
480048	Army JROTC 4B	Spring	Senior
480411	Army JROTC Drill 1	Fall	Freshman
480415	Army JROTC Drill 1B	Spring	Freshman
480412	Army JROTC Drill 2	Fall	Sophomore
480416	Army JROTC Drill 2B	Spring	Sophomore
480413	Army JROTC Drill 3	Fall	Junior
480417	Army JROTC Drill 3B	Spring	Junior
480417	Army JROTC Drill 3B	Spring	Junior
480414	Army JROTC Drill 4	Fall	Senior
480418	Army JROTC Drill 4B	Spring	Senior
480074	Leadership and Foundations for Success	Both Semesters	Freshman

ARMY JROTC COURSE DESCRIPTIONS

480041 ARMY JROTC LEADERSHIP EDUCTION AND TRAINING 1 1 CREDIT
This course is designed to develop knowledge of basic military skills, responsiveness to constituted authority, the Spirit of American Citizenship, and Army JROTC. Content includes written and oral communication, leadership theory, physical fitness, hygiene and first aid, and map reading. **THIS COURSE PROVIDES EMBEDDED CREDIT FOR CAREER PREPAREDNESS** **Prerequisite:** Senior Army Instructor approval.

480045 ARMY JROTC 1B 1 CREDIT
This course is designed to develop an understanding of leadership traits and principles, citizenship, oral communication, physical fitness, health/wellness including drug prevention and CPR, motivational techniques such as "Unlocking Your Potential" and an awareness of military history.
THIS COURSE PROVIDES EMBEDDED CREDIT FOR PHYSICAL EDUCATION.

480042 ARMY JROTC LEADERSHIP EDUCATION AND TRAINING 2 1 CREDIT
This course is designed to develop an understanding of leadership techniques, oral and written communications, American military history, physical fitness, and a practical application of basic first aid measures including the prevention and treatment of snakebites, hot and cold weather injuries. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.** **Prerequisite:** Senior Army Instructor approval

480046 ARMY JROTC 2B 1 CREDIT
This course is designed to develop proficiency in health/wellness and CPR techniques, and an appreciation for self-awareness techniques ("Winning Colors"), modern technologies, career opportunities, and role of the U.S. Army, military history, and physical fitness. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**
Prerequisite: Senior Army Instructor approval.

480043 ARMY JROTC LEADERSHIP EDUCATION AND TRAINING 3 1 CREDIT
This course begins the advance level of applied practical leadership providing opportunities fort the student to use traits and principles of leadership in organizations and projects. It provides ongoing instruction in techniques of oral and written communication, map reading, and physical fitness. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.** **Prerequisite:** Senior Army Instructor approval.

480047 ARMY JROTC 3B 1 CREDIT
This course develops an understanding of the justice system (military and civilian), the role of the U.S. Armed Forces, safety (hunting and boating), orienteering, physical fitness, new technologies, military history, and motivational learning techniques such as "Power Learning." **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.** **Prerequisite:** Senior Army Instructor approval

480044 ARMY JROTCLEADERSHIP EDUCATION AND TRAINING 4 1 CREDIT
This course refines elements of leadership with a focus on management theory and application regarding control of other than human resources. It provides continue instruction in techniques of communications, staff functions and procedures, physical fitness, and American Government. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.** **Prerequisite:** Senior Army Instructor approval.

480048 ARMY JROTC 4B 1 CREDIT

This course develops proficiency in command and staff procedures, physical fitness, military parades and ceremonies, citizenship, science and new technologies and communications. Students must demonstrate ability to speak to large audiences, perform staff briefings and prepare staff reports, write resumes and cover letters, and complete job applications. They must also apply problem solving/decision making skills in leadership and supervisory positions of authority. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**
Prerequisite: Senior Army Instructor approval

480074 LEADERSHIP AND FOUNDATIONS FOR SUCCESS 1 CREDIT

This course provides each student an understanding of leadership theories, techniques, traits and principles with an in depth focus on oral and written communication. Students develop a foundation of requisite skill necessary to successfully complete high school by focusing on personal self-awareness, brain structure and function, individual learning styles, multiple intelligences and conflict resolution. **THIS COURSE PROVIDES EMBEDDED CREDIT FOR CAREER PREPAREDNESS.** **Special Note:** Currently a required course for all incoming freshmen students at Blount, Citronelle, LeFlore, Rain, Vigor, and Williamson.

480411 ARMY JROTC DRILL 1 1 CREDIT

This freshman course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

480415 ARMY JROTC DRILL 1B 1 CREDIT

This freshman course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

480412 ARMY JROTC DRILL 2 1 CREDIT

This sophomore course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

480416 ARMY JROTC DRILL 2B 1 CREDIT

This sophomore course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

480413 ARMY JROTC DRILL 3 1 CREDIT

This junior course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

480417 ARMY JROTC DRILL 3B 1 CREDIT

This junior course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

480414 ARMY JROTC DRILL 4 1 CREDIT

This senior course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

480418 ARMY JROTC DRILL 4B 1 CREDIT

This senior course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. Prerequisite: Senior Army Instructor approval









NAVAL SCIENCE COURSE OPTIONS

COURSE NUMBER	COURSE TITLE	SEMESTER	COURSE LEVEL
480061	Naval Science 1: Introduction to the US Navy	Fall	Freshman
480066	Naval Science 1B	Spring	Freshman
480062	Naval Science: Maritime History, Leadership, and Nautical Sciences	Fall	Sophomore
480067	Naval Science 2B	Spring	Sophomore
480063	Naval Science 3: Naval Knowledge and Skills	Fall	Junior
480068	Naval Science 3B	Spring	Junior
480064	Naval Science 4: Advanced Naval Leadership	Fall	Senior
480069	Naval Science 4B	Spring	Senior
480165	Naval Leadership Lab and Drill 1	Fall/Spring	Freshman
480166	Naval Leadership Lab and Drill 2	Fall/Spring	Sophomore
480167	Naval Leadership Lab and Drill 3	Fall/Spring	Junior
480168	Naval Leadership Lab and Drill 4	Fall/Spring	Senior

NAVAL JROTC COURSE DESCRIPTIONS

480061 NAVAL SCIENCE 1: INTRODUCTION TO THE US NAVY 1 CREDIT

This course is designed to teach the basic elements of national security and personal obligations as American citizens. Patriotism and personal responsibility are stressed. Health/Wellness, CPR, physical fitness and basic military drill are introduced. **THIS COURSE PROVIDES EMBEDDED CREDIT FOR CAREER PREPAREDNESS.**
Prerequisite: Senior Naval Science Instructor approval **Special Note:** Currently offered at Davidson

480066 NAVAL SCIENCE 1B 1 CREDIT

This course is designed to develop knowledge of naval ships and their mission, ship construction and damage control and firefighting. Maritime Geography is introduced. Health/Wellness including drug awareness, CPR, physical Fitness and basic military drill are continued. **THIS COURSE PROVIDES EMBEDDED CREDIT FOR PHYSICAL EDUCATION.**
Prerequisite: Senior Naval Science Instructor approval **Special Note:** Currently offered at Davidson

480062 NAVAL SCIENCE 2: MARITIME HISTORY, LEADERSHIP, AND NAUTICAL SCIENCES 1 CREDIT

This course is designed to develop an understanding of leadership techniques, oral and written communication, American military history, Naval enlisted careers and sea service officer programs. A practical application of basic first aid, physical fitness and military drill are provided.
THIS COURSE PROVIDES EMBEDDED CREDIT FOR PHYSICAL EDUCATION.
Prerequisite: Senior Naval Science Instructor approval. **Special Note:** Currently offered at Davidson

480067 NAVAL SCIENCE 2B 1 CREDIT

This course is designed to develop an understanding of navigation fundamentals, naval communication, intelligence and national security. First aid and health education, physical fitness and military drill are provided. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**
Prerequisite: Senior Naval Science Instructor approval. **Special Note:** Currently offered at Davidson

480063 NAVAL SCIENCE 3: NAVAL KNOWLEDGE AND SKILLS 1 CREDIT

This course provides ongoing instruction in communication skills, leadership, citizenship, physical fitness and military drill. Principals of military and civilian justice, international law at sea and national security are also covered. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**
Prerequisite: Senior Naval Science Instructor approval. **Special Note:** Currently offered at Davidson

480068 NAVAL SCIENCE 3B 1 CREDIT

This course provides naval history from WWII to Desert Storm, naval operations, meteorology and the principal of electricity. Ongoing physical fitness and military drill training is provided. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.** **Prerequisite:** Senior Naval Science Instructor approval.
Special Note: Currently offered at Davidson

480064 NAVAL SCIENCE 4: ADVANCED NAVAL LEADERSHIP 1 CREDIT

This course provides an in-depth look at the principals of leadership, ethics and problem solving. Students are required to perform in leadership roles while demonstrating communication and teaching techniques. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.** **Prerequisite:** Senior Naval Science Instructor approval.
Special Note: Currently offered at Davidson

480069 NAVAL SCIENCE 4B 1 CREDIT

This course continues advance leadership and ethics training. Students are required to demonstrate the ability to direct large groups, provide one-on-one instruction, present briefing and exhibit problem solving/decision making techniques. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION**.
Prerequisite: Senior Naval Science Instructor approval **Special Note:** Currently offered at Davidson

480165 NAVAL LEADERSHIP LAB AND DRILL 1 1 CREDIT

A one credit course designed for the first year cadet to introduce, build and refine leadership/followership skills through practical applications of drill and other team activities. This course will have the same students for the entire school year.

480166 NAVAL LEADERSHIP LAB AND DRILL 2 1 CREDIT

A one credit course (40 minutes daily) designed for the second year cadet to build and refine leadership/followership skills through practical applications of drill and other team activities. This course will have the same students for the entire school year.

480167 NAVAL LEADERSHIP LAB AND DRILL 3 1 CREDIT

A one credit course (40 minutes daily) designed for the third year cadet to build and refine leadership/followership skills through practical applications of drill and other team activities. This course will have the same students for the entire school year.

480168 NAVAL LEADERSHIP LAB AND DRILL 4 1 CREDIT

A one credit course (40 minutes daily) designed for the fourth year cadet to build, refine and direct leadership/followership skills through practical applications of drill and other team activities. This course will have the same students for the entire school year.







ARMY AND NAVAL SCIENCE 1/2 CREDIT COURSE OPTIONS

COURSE NUMBER	COURSE TITLE	SEMESTER	COURSE LEVEL
480070	JROTC Leadership Application: AJROTC and NJROTC	Each Quarter	Grades 10-12
NOTE:	Normally paired w/Health, Driver's Ed, or Team Sports	This course DOES NOT AWARD PE CREDIT	
	LeFlore High School: paired with 480070 as a part of the Public Safety Academy		
480075	Citizenship and the Constitution: JROTC	Each Quarter	Grades 10-12
NOTE:	LeFlore High School: paired with 480070 as a part of the Public Safety Academy	This course DOES NOT AWARD PE CREDIT	
480076	Senior Career Pathway Project	Each Quarter	Grades 10-12

COURSE DESCRIPTIONS

480070 JROTC LEADERSHIP APPLICATION: AJROTC AND NJROTC .5 CREDIT

This course provides students the opportunity to become proficient in the practical application of basic and advanced military skill through the development of individual leadership abilities, confidence, self-esteem, discipline, and teamwork. Content includes execution of military drill and ceremonies, physical training and leadership lab applications. Course is designed to give flexibility to cadets needing to take a required ½ credit course in another area of study and wanting to remain active in JROTC. (Does not meet requirement for JROTC PE Credit) **Special Note:** Currently a required course for all incoming freshmen students at LeFlore as part of Public Safety Academy Pathway

480075 CITIZENSHIP AND THE CONSTITUTION: JROTOC .5 CREDIT

This course is designed to provide the student an appreciation for the citizen's role in our democratic society. The US Constitution, its history and development and citizen's rights and responsibilities are studied. (Does not meet requirement for JROTC PE Credit) **Special Note:** Currently a required course for all incoming freshmen students at LeFlore as part of Public Safety Academy Pathway

480076 SENIOR CAREER PATHWAY: GOVERNMENT AND PUBLIC ADMINISTRATION 1 CREDIT

It is designed to provide students with work experience in the field of public administration and is over seen by the CO-OP Coordinator and JROTC instructor at each respective high school. There are specific requirements associated with this course and students must be pre-approved prior to registration. Students enrolled in this course will be allowed to leave campus early to meet the terms on the Internship agreements with the various agencies to which students may be assigned. This course is associated with CO-OP/Internship agreement with local government and public service agencies in the district. (Does not meet requirement for JROTC PE Credit)

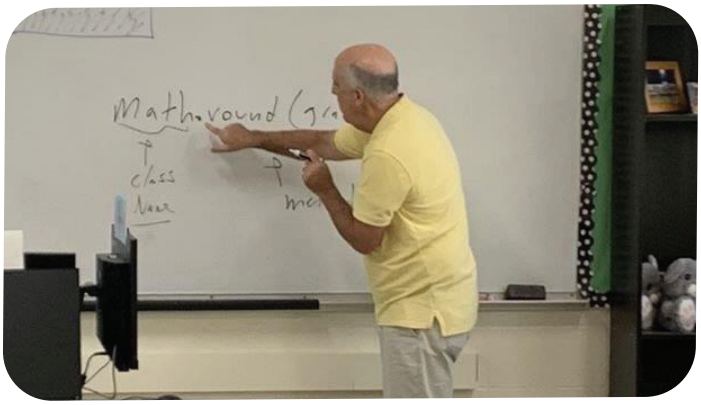
MATHEMATICS EDUCATION

DR. PAUL J. AGNEW, SUPERVISOR
pjagnew@mcpss.com **221-4092**

The goal of the Mathematics Education program is to prepare students for future opportunities and options in the workplace and for everyday life. This goal is accomplished through building mathematical foundations that enable all students to become college-and career-ready. The most basic level for building a mathematical foundation is for students to think and reason mathematically while building productive work habits. As students apply mathematical ways of thinking to everyday challenges and practice communicating their understanding, they gain power as problem solvers and fluency in procedural skills.

The State of Alabama requires four mathematics credits for graduation, including successful completion of Algebra 1, Geometry, and Algebra II with Trigonometry or Algebra II. The duration of each course listed below will be one term. **MCPSS requires students to enroll in a mathematics course each year in high school.**



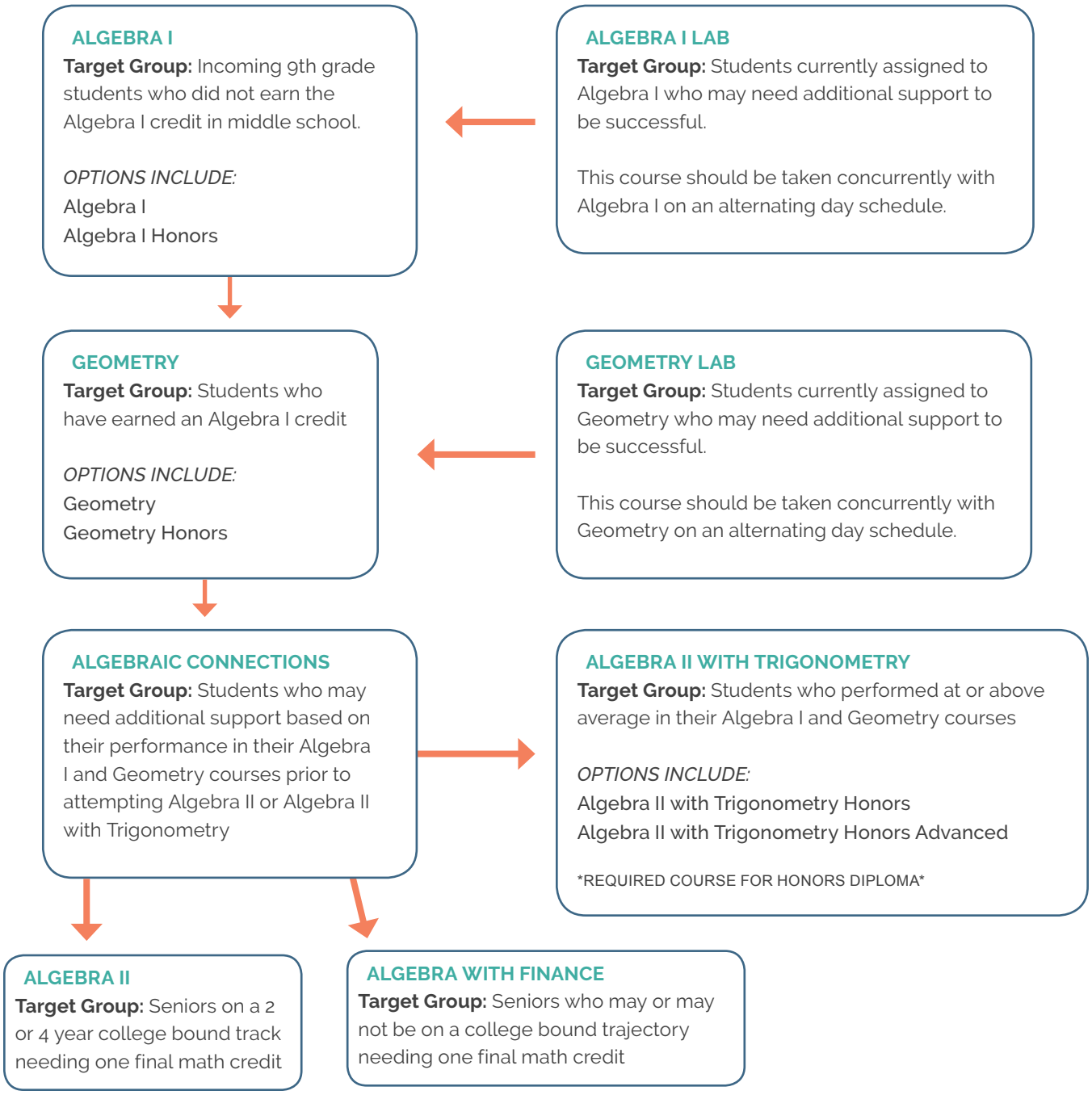






MOBILE COUNTY PUBLIC SCHOOL SYSTEM

MATHEMATICS COURSE PROGRESSION CHART
Regular Diploma Track SY 2020 – 2021



MOBILE COUNTY PUBLIC SCHOOL SYSTEM

MATHEMATICS COURSE PROGRESSION CHART
Honors Diploma Track SY 2020 – 2021

ALGEBRA I
Target Group: Incoming 9th grade students who did not earn the Algebra I credit in middle school

OPTIONS INCLUDE:
Algebra I
Algebra I Honors

GEOMETRY
Target Group: Students who have earned an Algebra I credit

OPTIONS INCLUDE:
Geometry
Geometry Honors

ALGEBRAIC CONNECTIONS
Target Group: Students who may need additional support based on their performance in their Algebra I and Geometry courses prior to attempting Algebra II or Algebra II with Trigonometry

ALGEBRA II WITH TRIGONOMETRY
Target Group: Students who performed at or above average in their Algebra I and Geometry courses

OPTIONS INCLUDE:
Algebra II with Trigonometry Honors
Algebra II with Trigonometry Honors Advanced

REQUIRED COURSE FOR HONORS DIPLOMA

Continued on next page...

Options for students on an Honors Diploma track who have completed Honors Algebra II with Trigonometry are listed below.

DISCRETE MATHEMATICS HONORS

Target Group: Students who performed at or above average in their Algebra I and Geometry courses, but may not be interested in a STEM related career field.

ANALYTICAL MATHEMATICS HONORS

Target Group: Students who performed at or above average in their Algebra I and Geometry courses. Note: this course must be taken before a student is enrolled in Precalculus.

PRECALCULUS HONORS

Target Group: Students who performed at or above average in their Algebra I and Geometry courses, and may be interested in a STEM related career field.

OPTIONS INCLUDE:
Precalculus Honors
Precalculus Honors Advanced

ADDITIONAL HONORS/AP/IB MATH COURSEWORK OPTIONS AVAILABLE

CALCULUS

Target Group: Students who have successfully completed Honors Precalculus.

OPTIONS INCLUDE:
AP Calculus AB
AP Calculus BC
Calculus IB

STATISTICS

Target Group: Students who have successfully completed Algebra II with Trigonometry.

OPTIONS INCLUDE:
AP Statistics

COMPUTER SCIENCE

Target Group: Students who have successfully completed Algebra II with Trigonometry.

OPTIONS INCLUDE:
Computer Science Principles
AP Computer Science A

MOBILE COUNTY PUBLIC SCHOOL SYSTEM
DIVISION OF ACADEMIC AFFAIRS – DIVISION OF STUDENT SUPPORT SERVICES

DOCUMENTATION OF ACADEMIC COUNSELING REGARDING SCHEDULING OF HIGH SCHOOL MATHEMATICS

Date of Conference _____

Name of Student _____

High School _____

It is critical for students and parents to understand the ramifications of choices made regarding mathematics credits in the high school program. There are several options in the area of mathematics for substitute courses, i.e. Algebra with Finance and Career Mathematics, to be taken by students.

These substitute courses may be counted as a mathematics credit for high school graduation; however, these courses may not fulfill postsecondary admission requirements or college/career plans. Careful consideration must be made regarding college and career goals when making mathematics course requested.

The high school counselor and/or administrator has explained the ramifications of my child taking a substitute mathematics credit. I understand that this decision may affect his/her postsecondary options.

I agree for my child to take _____ as one of his/her mathematic credits toward high school graduation. I understand that this decision may affect postsecondary options available to him/her.

Parent/Guardian Signature _____ **Date** _____

Student Signature _____ **Date** _____

Counselor Signature _____ **Date** _____

Administrator Signature _____ **Date** _____

Copy in student's cumulative file and copy provided to parent/guardian.

COURSE DESCRIPTIONS

210005 ALGEBRA I 1 CREDIT

This course begins the development of algebraic concepts and the real number system. Processes, which can be used to solve a variety of real world and mathematical problems, are explored and applied to special projects within the class. Students will be expected to solve problems related to project based learning situations and on the job problem solving situations related to Algebra I content skills. **Recommended Next Course:** Geometry

210066 ALGEBRA I LAB 1 CREDIT

This course is taken as a general elective which provides support and enhancement of the content taught in Algebra 1 through real-world applications, project based learning, and student discussions.

210006 ALGEBRA 1 HONORS 1 CREDIT

This course begins the development of algebraic concepts and the real number system. Processes, which can be used to solve a variety of real world and mathematical problems, are explored and applied to special projects within the class. Students will be expected to solve problems related to project based learning situations and on the job problem solving situations related to Algebra I content skills. This course satisfies the requirements for an advanced diploma.
Recommended Next Course: Geometry Honors

210007 ALGEBRA 1 PRE-INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This course incorporates concepts of Algebra I covered at an accelerated pace. It is restricted to students accepted into the Pre-IB Academy. **Special Note:** Currently offered at Murphy and Davidson

210010 GEOMETRY 1 CREDIT

This course provides experiences that increase students' understanding of shapes and properties with an emphasis on its use in practical tasks, recreations, sciences, and the arts. It begins the development of geometric relationships and deductive strategies which can be used to solve a variety of real world and mathematical problems. In addition to mastery of competencies required in Geometry, this course expands students' through the incorporation of challenging curricular options for high-end learning.
Prerequisite: Algebra I **Recommended Next Course:** Algebra II or Algebra II with Trigonometry Honor

210066aa GEOMETRY LAB 1 CREDIT

This course is taken as a general elective which provides support and enhancement of the content taught in Geometry through real-world applications, project based learning, and student discussions.

210011 GEOMETRY HONORS 1 CREDIT

This course provides experiences that increase students' understanding of shapes and properties with an emphasis on its use in practical tasks, recreations, sciences, and the arts. It begins the development of geometric relationships and deductive strategies which can be used to solve a variety of real world and mathematical problems. In addition to mastery of competencies required in Geometry, this course expands students' through the incorporation of challenging curricular options for high-end learning. This course satisfies the requirements for an advanced diploma.
Prerequisite: Algebra I or Algebra I Honors **Recommended Next Course:** Algebra II with Trigonometry HR or Algebra II with Trigonometry Honors Advanced

210012 GEOMETRY PRE-INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This course provides experiences that increase students' understanding of shapes and properties with an emphasis on its use in practical tasks, recreations, sciences, and the arts. It begins the development of geometric relationships and deductive strategies which can be used to solve a variety of real world and mathematical problems. In addition to mastery of competencies required in Geometry, this course expands students' through the incorporation of challenging curricular options for high-end learning. It is designed for students accepted into the Pre-IB Academy.
Prerequisite: Algebra I HR or Pre-IB Algebra I **Special Note:** Currently offered at Murphy and Davidson

210015 ALGEBRAIC CONNECTIONS 1 CREDIT

This course provides students with a bridge to courses beyond Algebra I and Geometry. The students will be empowered with needed mathematical skills to make responsible financial and economic decisions.
Prerequisite: Geometry **Recommended Next Course:** Algebra II or Algebra II with Trigonometry HR

210036 ALGEBRA WITH FINANCE 1 CREDIT

This course integrates Algebra, Precalculus, Probability and Statistics, Calculus and Geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level. Prerequisite: Geometry

210016 ALGEBRA 2 1 CREDIT

This course continues the study of algebra and provides the foundation for applying algebraic skills to other mathematical and scientific fields. **Prerequisite:** Geometry
Special Note: A student may earn math credit in either Algebra II or Algebra II with Trigonometry, but not both.

210017 ALGEBRA 2 TRIGONOMETRY HONORS 1 CREDIT

This course continues the study of Algebra and provides the foundation for applying algebraic skills to other mathematical and scientific fields. It also begins the study of circular and trigonometric functions and their applications.
Prerequisite: Geometry
Special Note: A student may earn math credit in either Algebra II or Algebra II with Trigonometry, but not both

210017aa ALGEBRA 2 WITH TRIGONOMETRY INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This course continues the study of Algebra and provides the foundation for applying algebraic skills to other mathematical and scientific fields. It also begins the study of circular and trigonometric functions and their applications.
Prerequisite: Admission into the IB program and successful completion of Geometry
Special Note: Currently offered at Murphy and Davidson

210017ab ALGEBRA 2 WITH TRIGONOMETRY HONORS ADVANCED 1 CREDIT

This course continues the study of Algebra and provides the foundation for applying algebraic skills to other mathematical and scientific fields. It also begins the study of circular and trigonometric functions and their applications.
Prerequisite: Geometry Honors **Recommended Next Course:** PreCalculus

210019 MATHEMATICAL INVESTIGATIONS HONORS 1 CREDIT

This course provides students with a study of the development of mathematics. Beginning with ancient number systems students explore relationships between mathematics and nature, music, art, and architecture and become acquainted with contributions of well-known mathematicians. **Prerequisite:** Algebra II with Trigonometry HR

210030ca **EPIC MATH SPECIAL TOPICS – INFINITY** **1 CREDIT**

This course will provide EPIC students with a formal class to synthesize their math and problem solving skills as they apply an engineering protocol to engineering problems. **Prerequisite:** Algebra II with Trigonometry HR
Special Note: Currently offered Only at Davidson

210030cd **EPIC MATH SPECIAL TOPICS – FLUID DYNAMICS** **1 CREDIT**

This course will provide EPIC students with a formal class to synthesize their math and problem solving skills as they apply an engineering protocol to engineering problems. **Prerequisite:** EPIC Infinity
Special Note: Currently offered Only at Davidson

210030da **ADVANCED PLACEMENT (AP) CAPSTONE SEMINAR – MATH** **1 CREDIT**

As required by AP Capstone guidelines, this course is designed to complement and enhance the in-depth, discipline-specfic study experienced in other AP courses. Students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence-based arguments. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. **Prerequisite:** Acceptance into AP Capstone Program.
Special Note: Recommended for Grades 10-11. Currently offered Only at Baker

210030dc **ADVANCED PLACEMENT (AP) CAPSTONE RESEARCH – MATH** **1 CREDIT**

As required by AP Capstone guidelines, this course allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. **Prerequisite:** Successful completion of AP Capstone Seminar. **Special Note:** Recommended for Grades 12 Currently offered Only at Baker

210018 **DISCRETE MATHEMATICS HONORS** **1 CREDIT**

This course provides further study for students in topics of mathematics necessary for success in the advanced study of mathematics. It also provides an opportunity for students to explore in-depth the topics of matrices, combinational reasoning, counting techniques, algorithms, sequences, and their applications.
Prerequisite: Algebra II with Trigonometry HR

210034 **ANALYTICAL MATHEMATICS HONORS** **1 CREDIT**

This course provides a structured introduction to linear algebra, logic, vectors, and matrices.
Prerequisite: Algebra II with Trigonometry HR or Discrete Mathematics HR

210039 **THE ELEMENTS OF COLLEGE MATHEMATICS** **1 CREDIT**

This algebra, functions, and statistics course emphasizes understanding of math concepts rather than procedural memorization. Students' conceptual understanding of mathematics is strengthen by engaging them in solving real-world applications. The course is built with rigor, innovative instructional strategies, and a concentration on contextual learning which develops critical- thinking skills that students will utilize through-out their high school studies and beyond. The course consists of eight units, culminating in a capstone project.
SPECIAL NOTE: Teacher must attend training prior to teaching course.

210020 **PRECALCULUS HONORS** **1 CREDIT**

This course emphasizes the study of functions, limits, and other skills necessary for the study of calculus.
Prerequisite: Algebra II with Trigonometry HR or Discrete Mathematics HR

210020aa **PRECALCULUS HONORS ADVANCED** **1 CREDIT**

This course emphasizes the study of functions, limits, rates of change, and other skills necessary for the study of Calculus. The focus of the course is on relating these conceptual mathematical topics to issues arising in the fields of Science, Engineering, and Technology. **Prerequisite:** Algebra II with Trigonometry or Discrete Mathematics **Recommended Next Course:** Advanced Placement Calculus AB

210028 **PRECALCULUS INTERNATIONAL BACCALAUREATE(IB)** **1 CREDIT**

This course emphasizes the study of functions, limits, and other skills necessary for the study of calculus. It covers these topics in a wider range and in more depth than HR PreCalculus and is restricted to students admitted to the IB Program. Prerequisite: IB Algebra II with Trigonometry Special Note: Currently offered at Murphy and Davidson

907601 **DUAL ENROLLMENT (DE) PRECALCULUS: PRECALCULUS ALGEBRA (MTH 112)** **1 CREDIT**

In this course, emphasis is placed on the algebra of functions and includes polynomial, rational, exponential, logarithmic functions; systems of equations and inequalities; the binomial theorem; and quadratic inequalities.
Prerequisite: Student must meet the requirements of the Dual Enrollment Program.

907602 **DUAL ENROLLMENT PRECALCULUS (DE): PRECALCULUS TRIGONOMETRY (MTH 113)** **1 CREDIT**

This course is designed to prepare students for work in Analytical Geometry and Calculus. Emphasis is placed on trigonometric and circular functions, graphic representations, polar coordinates, laws of sines and cosines, trigonometric equations, inverse functions, vectors, and complex numbers.
Prerequisite: Student must meet the requirements of the Dual Enrollment Program

907603 **DUAL ENROLLMENT PRECALCULUS: PRECALCULUS (MTH 115)** **1 CREDIT**

This course uses laboratory and discovery methods of instruction to model the applications of limits, functions, and other concepts learned in PreCalculus.
Prerequisite: Student must meet the requirements of the Dual Enrollment Program

210027 **ADVANCED PLACEMENT STATISTICS** **1 CREDIT**

This course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data: Describing patterns and departures from patterns; Sampling and Experimentation: Planning and conducting a study; Anticipating Patterns: Exploring random phenomena using probability and simulation; and Statistical Inference: Estimating population parameters and testing hypotheses. **Prerequisite:** HR Algebra II with Trigonometry

210023 **CALCULUS** **1 CREDIT**

This is the first of three courses in the basic calculus sequence taken primarily by students in science, engineering, and mathematics. Topics include the limit of a function; the derivative of algebraic, trigonometric, exponential, and logarithmic functions; and the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, and curve sketching using calculus. **PREREQUISITE:** A minimum prerequisite of high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score is required. An alternative to this is that the student should successfully pass with a C or higher MTH 113 or MTH 115.

907605 **DUAL ENROLLMENT CALCULUS (MTH 125)** **1 CREDIT**

This course begins the study of the theory and techniques of differential and integral calculus. This is a college level course and will be taught according to the college standards. College credit is determined by the requirements of the Dual Enrollment Program. **Prerequisite:** Dual Enrollment Pre-Calculus Credit.

210025 ADVANCED PLACEMENT CALCULUS AB 1 CREDIT

This course begins the study of the theory and techniques of differential and integral calculus. Students may take the Advanced Placement (AP) Examination in Mathematics for Calculus AB (Level 1) in order to qualify for college credit and advanced placement. College credit is determined by the score made on the AP Examination and the receiving post-secondary institution. **Prerequisite:** HR Pre-Calculus or IB Pre-Calculus

210026 ADVANCED PLACEMENT CALCULUS BC 1 CREDIT

Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics. Both courses represent college-level mathematics for which most colleges grant advanced placement and credit. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB. Prerequisite: HR Pre-Calculus (210020ab) or IB Pre-Calculus (210020ac)

210030aa IB CALCULUS 1 CREDIT

This course begins the study of the theory and techniques of differential and integral calculus. It covers these topics in a wider range and in more depth than AP Calculus and is restricted to students admitted to the IB Program.
Prerequisite: IB Algebra II with Trigonometry (251564) or IB Pre-Calculus (252764)
Special Note: Currently offered at Murphy AND Davidson.

520007 ADVANCED PLACEMENT COMPUTER SCIENCE (AP) 1 CREDIT

A one credit college-level course following the curriculum established by the College Board Advanced Placement (AP) Program for computer science; emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development.
Special Note: In order to receive math credit, the teacher must be HQ in math

520008 COMPUTER SCIENCE PRINCIPLES 1 CREDIT

A one-credit course designed to introduce students to the central ideas of computing and computer science. The course content is focused on creativity, abstraction, algorithms, programming, big data, internet/networking, and societal impact. **Special Note:** In order to receive math credit, the teacher must be HQ in math.

210007aa IGCSE MATH 1 CAMBRIDGE HONORS 1 CREDIT

This course incorporates concepts of Algebra 1 at an accelerated pace as prescribed by the Cambridge IGSCE Math (0580) curriculum. **Prerequisite:** Acceptance into Cambridge program

210012aa IGCSE MATH 2 CAMBRIDGE HONORS 1 CREDIT

This course incorporates concepts of Geometry at an accelerated pace as prescribed by the Cambridge IGSCE Math (0580) curriculum. **Prerequisite:** Acceptance into Cambridge program

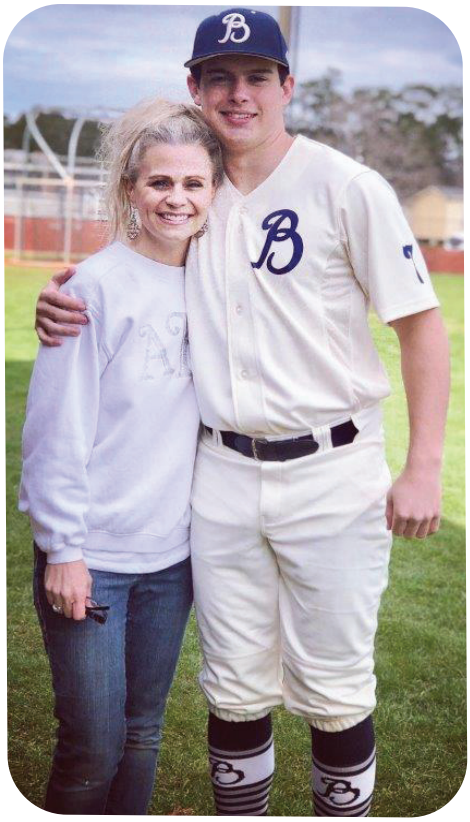
210017ac IGCSE MATH 3 CAMBRIDGE HONORS 1 CREDIT

This course incorporates concepts of Algebra II/Trigonometry at an accelerated pace as prescribed by the Cambridge IGSCE Math (0580) curriculum. **Prerequisite:** IGCSE Math 2


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PHYSICAL EDUCATION

MR. R. BRAD LOWELL, SUPERVISOR
rlowell@mcpss.com **221-6277**

The primary goal of all education is the development of the total individual. Skills and knowledge acquired through a comprehensive Physical Education program serve to develop active and healthy lifestyles and to enhance the quality of life. Thus, Physical Education is an essential component of the total school curriculum. The ultimate goal of the Physical Education program is to develop fit and skillful movers.

Course Descriptions

240090 BEGINNING KINESIOLOGY 1 CREDIT
NOTE: THIS IS THE ONLY COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.
Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Highly recommended that students take Beginning Kinesiology in Grade 9. Prerequisite for all physical education elective courses.

240091 ADVANCED KINESIOLOGY 1 CREDIT
Elective course that covers the knowledge base of kinesiology, the importance of physical activity in daily life, and the different career paths associated with a degree in kinesiology. This class is for students who wish to pursue a career as a physical education teacher, athletic, trainer, physical therapist, personal trainer, movement-related research specialist, or other careers related to health, fitness, and sports. **Prerequisite:** Beginning Kinesiology

240012 ADVENTURE AND COOPERATIVE ACTIVITIES 1 CREDIT
Elective class that will allow students to progress through an experience-based program that emphasizes interpersonal relationships and individual growth. This course encourages students to develop greater self-confidence while acquiring a sense of commitment to and trust in their classmates. It is designed to expose students to a variety of outdoor skills. **Prerequisite:** Beginning Kinesiology

240016 LIFE SPORTS: INDIVIDUAL, DUAL, AND TEAM 1 CREDIT
Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology.
Prerequisite: Beginning Kinesiology

240016aa TEAM SPORTS 10 .5 CREDIT
Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology.

240016ab TEAM SPORTS 11 .5 CREDIT
Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology.

240016ac **TEAM SPORTS 12** **.5 CREDIT**

Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology.

240016ad **PHYSICAL EDUCATION 10** **1 CREDIT**

This course is for students taking Physical Education as a general elective. Skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics. **THIS COURSE DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.**

240016ae **PHYSICAL EDUCATION 11** **1 CREDIT**

This course is for students taking Physical Education as a general elective. Skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics. **THIS COURSE DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.**

240016af **PHYSICAL EDUCATION 12** **1 CREDIT**

This course is for students taking Physical Education as a general elective. Skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics. **THIS COURSE DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.**

240016ai **BOWLING** **1 CREDIT**

This course teaches the fundamentals of bowling skills, strategies, and scoring. This course is for beginning, intermediate, or advanced bowling students.

240016aj **BOWLING** **.5 CREDIT**

This course teaches the fundamentals of bowling skills, strategies, and scoring. This course is for beginning, intermediate, or advanced bowling students.

240011 **SPORTS OFFICIATING CERTIFICATION** **1 CREDIT**

This course is an elective course that focuses on the professional philosophy, and professional requirements for officiating sports for athletic contests. This course will cover officiating football, basketball, wrestling, volleyball, soccer, baseball, track and field, and softball. Upon completion of the course students will be afforded the option to take certification exams for any of the sport components to become a restricted certified official with the Alabama High School Athletic Association at the middle/junior high school level. The prerequisite for this course is Beginning Kinesiology or its equivalent. The student must be age 16 or older, or turn age 16 during the academic school year. The teacher of this course must hold current registration as an Alabama High School Athletic Association official (any sport).

240091aa **ATHLETIC TRAINING** **1 CREDIT**

This course is designed to familiarize the high school student with the theories, skills, and techniques necessary for athletic training profession.

240014 **STRENGTH AND CONDITIONING** **1 CREDIT**

Elective course that will give students the tools and resources needed to be physically fit and healthy for a lifetime. This course is a stand-alone course open to all students. It is not part of, nor may it be combined with, varsity athletics.
Prerequisite: Beginning Kinesiology

240014aa **WEIGHT TRAINING 10** **1 CREDIT**
This course is designed for students to acquire basic knowledge and skills in weight training and to improve muscular strength and endurance.

240014ab **WEIGHT TRAINING 11** **1 CREDIT**
This course is designed for students to acquire basic knowledge and skills in weight training and to improve muscular strength and endurance.

240014ac **WEIGHT TRAINING 12** **1 CREDIT**
This course is designed for students to acquire basic knowledge and skills in weight training and to improve muscular strength and endurance.

VARSITY ATHLETICS

240016ag **ARCHERY** **1 CREDIT**
This course is designed to introduce students to the basic techniques of indoor target archery emphasizing the care and use of equipment, range safety, stance and shooting techniques, scoring, and competition.

240017 **VARSITY BASEBALL** **1 CREDIT**
This course covers baseball techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to play baseball at a competitive level.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240021 **VARSITY BASKETBALL** **1 CREDIT**
This course covers fundamentals of basketball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive basketball.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240074 **VARSITY BOWLING** **1 CREDIT**
This course covers bowling techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to participate in competitive Bowling.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240078 **VARSITY CASTING, ANGLING, FISHING** **1 CREDIT**
This course covers casting, angling, and fishing techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to participate in competitive Casting, Angling, Fishing. **PREREQUISITE:** Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240025 VARSITY CHEERLEADING 1 CREDIT

This course covers cheerleading techniques. Emphasis is placed on developing skills, strategies, and techniques. Upon completion, students should be able to participate on a cheerleading squad. PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240029 VARSITY CROSS COUNTRY 1 CREDIT

This course covers cross country techniques. Emphasis is placed on developing skills and strategies and techniques. Upon completion, students should be able to participate in competitive cross country.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240033 VARSITY FOOTBALL 1 CREDIT

This course covers fundamentals of football. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive football.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240037 VARSITY GOLF 1 CREDIT

This course covers fundamental phases of golf. Emphasis is placed on refining the fundamental skills and learning more phases of the game such as club selection, trouble shots, and course management. Upon completion, students should be able to demonstrate the knowledge and ability to play competitive golf.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240041 VARSITY SOCCER 1 CREDIT

This course covers fundamentals of soccer. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive soccer.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240045 VARSITY SOFTBALL 1 CREDIT

This course covers fundamentals of softball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive softball.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240049 VARSITY SWIMMING 1 CREDIT

This course covers fundamentals of swimming. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive swimming.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240053 VARSITY TENNIS 1 CREDIT

This course covers fundamentals of tennis. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive tennis.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240057 VARSITY TRACK AND FIELD 1 CREDIT

This course covers fundamentals of track and field. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive track and field.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240061 VARSITY VOLLEYBALL 1 CREDIT

This course covers fundamentals of volleyball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive volleyball.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

240065 VARSITY WRESTLING 1 CREDIT

This course covers fundamentals of wrestling. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive wrestling.
PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.







SCIENCE EDUCATION

DR. MELODY TUCKER, SUPERVISOR
mtucker@mcpss.com **221-4099**

The Science Education program is directed toward meeting the spectrum of science education needs for students. The needs range from development of scientifically literate citizens to preparation of professional scientists. Four (4) credits must be earned in science courses to meet Alabama's graduation requirements.

Special Note for all classes:

1. Laboratory investigations of selected topics are an integral part of each science course.

2. The instructional program for each of the biological science courses includes dissection laboratories. Students may be excused from participating in dissection laboratories upon written request from a parent or a guardian. Alternative activities in lieu of dissections may include anatomical studies on models, microscopic studies of animal cells, observational studies of animals, film/filmstrip viewing, and simulated computer studies.

3. Safety contracts will be mandatory for ALL science students before allowing laboratory participation. For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

420037 **AQUACULTURE SCIENCE** **1 CREDIT**
A one-credit course designed to introduce students to physical and biological concepts and skills in aquaculture. Emphasis is placed on integration of knowledge to solve problems and broaden depth of understanding about water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation.

220011 **BIOLOGY** **1 CREDIT**
NOTE: BIOLOGY COURSES 220011, 220012, AND 220013 ARE THE ONLY SCIENCE COURSES THAT FULFILL THE "BIOLOGY" GRADUATION REQUIREMENT. MAY NOT BE DIVIDED INTO BIOLOGY 1 AND 2. Inquiry-based course with engineering design integration; focused on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity.

220012ac **BIOLOGY HONORS** **1 CREDIT**
NOTE: BIOLOGY COURSES 220011, 220012, AND 220013 ARE THE ONLY SCIENCE COURSES THAT FULFILL THE "BIOLOGY" GRADUATION REQUIREMENT. MAY NOT BE DIVIDED INTO BIOLOGY 1 AND 2. Advanced inquiry-based course with engineering design integration; focused on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity.

220013 BIOLOGY PRE-INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is a Pre-International Baccalaureate (IB) course for the advanced student. Pre-IB Biology is a survey course that provides rigorous, accelerated lab-based experiences and activities involving observation and data collection as a major part of this course. An independent science research project is required.
Prerequisite: Students must have been accepted into the Pre-IB Academy
Special Note: Currently offered at Murphy AND Davidson **Special Note:** Credit may be earned in either Biology 1, Honors Biology 1, or Biology 1 Pre-IB, but not all three.

220013ad BIOLOGY IGCSG: CAMBRIDGE 1 CREDIT

This course is preparatory to the Cambridge AICE curriculum. This is a survey course in which learners gain an understanding of the basic principles of biology through a mix of theoretical and practical studies as prescribed in the IGCSE Biology (0610) curriculum. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities, and the environment. **Prerequisite:** Acceptance into Cambridge program **Special Note:** Credit may be earned in either Biology 1, Honors Biology 1, IGCSE Biology, or Biology 1 Pre-IB, but not all four.

220014 BIOLOGY 2: ADVANCED PLACEMENT (AP) 1 CREDIT

NOTE: BIOLOGY COURSES 220011, 220012, AND 220013 ARE ALL DEVELOPED FROM THE BIOLOGY CORE. THESE THREE COURSES ARE THE ONLY SCIENCE COURSES THAT FULFILL THE "BIOLOGY" GRADUATION REQUIREMENT. PREREQUISITE: IT IS RECOMMENDED THAT THE AP BIOLOGY COURSE IS DESIGNED TO BE TAKEN AFTER THE SUCCESSFUL COMPLETION OF A FIRST COURSE IN HIGH SCHOOL BIOLOGY AND ONE IN HIGH SCHOOL CHEMISTRY AS WELL. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for biology; scientific process and application skills; molecules; cells; heredity; evolution; organisms; populations.

901402 BIOLOGY 2: DUAL ENROLLMENT PRINCIPLES OF BIOLOGY (BIO 103) COMMUNITY COLLEGE 1 CREDIT

This dual enrollment course, offered through the MCPSS and Bishop State Community College, is an introductory course for both Science and Non-Science majors. It covers physical, chemical, and biological principles common to all organisms. These principles are taught through the study of cell structure, function, reproduction, and classical genetics. The scientific method, a brief overview of the diversity of life, and historical elements are also presented. Laboratory is required. **Prerequisite:** Biology 1 Chemistry 1 AND student must meet the requirements of the Dual Enrollment Program. **Special Note:** Biology 2 AP, Biology 2 Dual Enrollment or Biology 2 IB, but not all three.

220013 BIOLOGY 2: DUAL ENROLLMENT PRINCIPLES OF BIOLOGY (BIO 103) UA EARLY COLLEGE 1 CREDIT

This dual enrollment course is an early college course through a university. It is an introductory course for both Science and Non-Science majors. It covers physical, chemical, and biological principles common to all organisms. These principles are taught through the study of cell structure, function, reproduction, and classical genetics. The scientific method, a brief overview of the diversity of life, and historical elements are also presented. Laboratory is required.
Prerequisite: Biology I, Chemistry 1, AND student must meet the requirements of the Dual Enrollment Program.
Special Note: Biology 2 AP, Biology 2 Dual Enrollment or Biology 2 IB, but not all three.

220015 BIOLOGY 2: INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course for the advanced student. Emphasis is placed on advanced concepts in biology and comprehensive laboratory work by the student. An independent science research project is required. Students enrolled in this course will take the IB exam at the higher level.
Prerequisite: Students must have been accepted into the IB Academy. **Special Note:** Currently offered at Murphy and Davidson. Biology 2 AP, Biology 2 Dual Enrollment or Biology 2 IB, but not all three.

220016 BIOLOGY 3: INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course for the advanced student. Emphasis is placed on advanced concepts in biology and comprehensive laboratory work by the student. An independent science research project is required. Students enrolled in this course will take the IB exam at the higher level. **Prerequisite:** Students must have been accepted into the IB Academy AND Biology 2 IB. **Special Note:** Currently offered at Murphy AND Davidson.

220043ah BIOLOGY RESEARCH AND DESIGN: ADVANCED PLACEMENT (AP) 1 CREDIT

Designed for Advanced Placement courses, this laboratory based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science project is required. **Prerequisite:** AP Biology course AND/OR Instructor Approval
Special Note: Elective Credit, not Science Credit

220043ad BIOLOGY RESEARCH AND DESIGN: INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

Designed for International Baccalaureate courses, this laboratory based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science research project is required. **Prerequisite:** AP Biology course AND/OR Instructor Approval **Special Note:** Elective credit, not Science credit. Currently offered at Murphy AND Davidson

420053 PLANT BIOTECHNOLOGY 1 CREDIT

This course is a laboratory-based course focusing on advanced biological concepts addressed in biology. Emphasis is placed on major plant phyla, plant reproduction and genetics, photosynthesis, and environmental relationships.
Prerequisite: Biology AND Chemistry or Physical Science.

220062 CHEMISTRY 1 COLLEGE PREP 1 CREDIT

This course provides students with a study of the composition, properties, and changes associated with matter. The contents includes classification and structure of matter, atomic theory, periodic table, bonding, chemical formulas, chemical reaction and balanced equations; behavior of gases, physical changes, acids, bases, and salts; and energy associated with physical and chemical change. Use of equipment provided by the Alabama Science in Motion programs recommended. **Prerequisite:** Biology AND Algebra 1 **Special Note:** A student who has successfully passed Physical Science MAY take Chemistry CP.

220062ad CHEMISTRY 1 COLLEGE PREP INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course for the advanced student. Emphasis is placed on principles and mathematical concepts in the study of chemistry. An independent science research project is required.
Prerequisite: Student must have been accepted into the IB Academy
Special Note: Currently offered at Murphy AND Davidson

220064 CHEMISTRY 2 ADVANCED PLACMENT (AP) 1 CREDIT

This course provides a study of the development and application of chemistry principles and concepts. The contents include that which is designated in the Advanced Placement Program. This is comparable to a first year college level course. Students take an examination at the completion of the term to receive AP credit. Use of equipment provided by the Alabama Science in Motion programs recommended. **Prerequisite:** Chemistry 1 AND Instructor Approval
Special Note: Credit may be earned in only Chemistry 2 IB or Chemistry 2 AP. It is highly recommended that students enrolled for this course one semester be enrolled in Chemistry Research and Design AP the other semester.

220063ad CHEMISTRY IGCSE 1 CREDIT

This course is preparatory to the Cambridge AICE curriculum. This is a survey course in which learners gain an understanding of the basic principles of chemistry through a mix of theoretical and practical studies as prescribed in the IGCSE chemistry (0630) curriculum. As they progress, learners understand scientific phenomena, facts, laws, definitions, concepts, and theories; scientific vocabulary, terminology, and conventions; scientific instruments and apparatus; and scientific and technological applications with their social, economic, and environmental implications.
Prerequisite: IGCSE Biology

220066 CHEMISTRY 2 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course for the advanced student. Emphasis is placed on chemical calculations, mathematical formulation of principles, and laboratory work by the student. An independent science research project is required. Students enrolled in this course will take the IB exam at the subsidiary level.
Prerequisite: Students must have been accepted into the IB Academy AND have Instructor Approval.
Special Note: Credit may be earned in only Chemistry 2 AP or Chemistry 2 IB but not both

220065 CHEMISTRY 3 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course. This course is designed for the advanced student who demonstrated interest, responsibility, and maturity in IB Chemistry 2. An independent science research project is required. Students enrolled in this course will take the IB exam at the subsidiary level or higher level.
Prerequisite: Student must have been accepted into the IB Academy AND have Instructor Approval.

220067ah CHEMISTRY RESEARCH AND DESIGN ADVANCED PLACEMENT (AP) 1 CREDIT

Designed for Advanced Placement courses, this laboratory based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science project is required. Use of equipment provided by the Alabama Science in Motion programs recommended. **Prerequisite:** AP Chemistry course AND/OR Instructor Approval
Special Note: Elective Credit, not Science Credit

220067ad CHEMISTRY RESEARCH AND DESIGN INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

Designed for International Baccalaureate courses, this laboratory based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science research project is required. **Prerequisite:** IB Chemistry course OR AP Chemistry AND/OR Instructor Approval **Special Note:** Elective Credit, not Science Credit

220068 CHEMISTRY ORGANIC 1 CREDIT

This course would provide students with the fundamentals of structure and chemical behavior of organic molecules including nomenclature, properties, structure, stero-chemistry, spectroscopy (both infrared and nuclear magnetic resonance), reactions, synthesis, and mechanisms of alkanes, alkenes, alky halides, and alcohols. The use of equipment provided by the Alabama Science inMotion program will be highly recommended.
Prerequisite: Chemistry 2 AP or Chemistry 2 And Instructor Approval **Special Note:** Elective Credit, not Science Credit

220081ad EARTH AND SPACE SCIENCE 1 CREDIT

Knowledge of earth and space systems is essential for scientific literacy. Students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions based on critical thinking and problem solving. Emphasis is placed on topics related to the atmosphere, meteorology, nature of storms, climate as well as topics related to our solar system and the universe. This course introduces students to an advanced look at the Earth's near neighborhood and perspectives of the universe from the Earth.
Prerequisite: Biology AND Chemistry 1 OR Physical Science

220079 ENGINEERING THE FUTURE 1 CREDIT

This course will help the students to develop a deep and rich understanding of the term technology and the engineering design process. It will help the student develop the ability to solve problems in technology/engineering using mathematical and scientific concepts. Also, the student will understand the complementary relationships among science, mathematics, technology, and engineering. Students will gain an understanding of how advances in technology affect human society, and how human society determines which new technologies will be developed. Students will learn how to conceptualize a problem, design and build prototypes or models, test their prototypes or models, and make modifications as necessary. Special Note: Elective Credit, not Science Credit

220029 ENVIRONMENTAL SCIENCE 1 CREDIT

This course provides students with a study of man's interaction with the environment. The contents include forms of pollution, conservation, environmental planning and policy, public land usage, population dynamics, and major forms of energy. **Prerequisite:** Biology AND Chemistry 1 OR Physical Science

220032aa ENVIRONMENTAL SCIENCE ADVANCED PLACEMENT (AP) 1 CREDIT

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet, there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. Students take an examination at the end of the course in order to receive AP credit. **Prerequisite:** Biology AND Chemistry 1

220032 ENVIRONMENTAL SCIENCE RESEARCH AND DESIGN ADVANCED PLACEMENT (AP) 1 CREDIT

Designed for Advanced Placement courses, this laboratory based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science project is required. **Prerequisite:** AP Environmental course and/or Instructor Approval
Special Note: Elective Credit, not Science Credit

410025 FORENSIC SCIENCE AND CRIMINAL INVESTIGATION 1 CREDIT

In this course students will improve their critical thinking skills and learn how to use the scientific process to investigate and solve problems by exploring how various professionals use forensics to evaluate crime scenes. Students will also apply scientific concepts and laws to solve possible realistic crime scenarios.
Prerequisite: Biology AND Chemistry 1 OR Physical Science

490041 INTRODUCTION TO BIOTECHNOLOGY 1 CREDIT

This course focuses on two life science sub-strands: biological evolution and molecular basis of heredity. Students will be involved in case studies in biotechnology and scenarios in bioethics that will help them understand the implications and complicated issues that are emerging in the science of genetics. The course encourages critical thinking, use of scientific method, integration of technology, and application of knowledge and skills learned to practical questions/problems. Safe field and laboratory investigations will be used in instruction to the maximum extent possible to illustrate scientific concepts and principles and support inquiry instruction. **Prerequisite:** Biology 1 AND Chemistry 1

904200 GEOLOGY DUAL ENROLLMENT (GY 111) 1 CREDIT

This dual enrollment course, offered through MCPSS and the University of South Alabama investigates materials that make up the Earth as well as the properties and geological processes that operate in the Earth. Among the topics that students will study are plate tectonics, mineral chemistry, the rock cycle, sedimentary processes, metamorphism and geological map reading. **Prerequisite:** Biology AND Chemistry 1 OR Physical Science

220087ac GEOLOGY DUAL ENROLLMENT (GY 111) COMMUNITY COLLEGE 1 CREDIT

This dual enrollment course, offered through MCPSS and the University of South Alabama investigates materials that make up the earth as well as the properties and geological processes that operate in the Earth. Among the topics that students will study are plate tectonics, mineral chemistry, the rock cycle, sedimentary processes, metamorphism and geological map reading. **Prerequisite:** Biology AND Chemistry 1 OR Physical Science

220087ac GEOLOGY DUAL ENROLLMENT (GY 111) UA EARLY COLLEGE 1 CREDIT

This dual enrollment course, offered through MCPSS and the University of South Alabama investigates materials that make up the earth as well as the properties and geological processes that operate in the Earth. Among the topics that students will study are plate tectonics, mineral chemistry, the rock cycle, sedimentary processes, metamorphism and geological map reading. **Prerequisite:** Biology AND Chemistry 1 OR Physical Science

220026 HUMAN ANATOMY AND PHYSIOLOGY 1 CREDIT

This course provides students with advanced activities in the structures and functions of the components of the human body. It is especially designed for students who are interested in pursuing careers in medical and allied health fields. Among the topics students will study are the structure and function of cells, tissues, and organs, as well as the skeletal, muscular, nervous, endocrine, digestive, respiratory, circulatory, lymphatic, urinary, and reproductive systems. Students will be involved in lab work and research papers/projects. This course is recommended for the student of average or above average ability and interest in science. **Prerequisite:** Biology and Chemistry 1 or Physical Science

220027 HUMAN ANATOMY AND PHYSIOLOGY COLLEGE PREP 1 CREDIT

This course provides students with advanced activities in the structures and functions of the components of the human body. It is especially designed for students who are interested in pursuing careers in medical and allied health fields. Among the topics students will study are the structure and function of cells, tissues, and organs, as well as the skeletal, muscular, nervous, endocrine, digestive, respiratory, circulatory, lymphatic, urinary, and reproductive systems. Students will be involved in lab work and research papers/projects. This course is recommended for the student of average or above average ability and interest in science. **Prerequisite:** Biology and Chemistry 1 OR Physical Science

901415 HUMAN ANATOMY AND PHYSIOLOGY DUAL ENROLLMENT (BIO 201) COMMUNITY COLLEGE 1 CREDIT

This dual enrollment course, offered through the MCPSS and Bishop State Community College, is for students with activities in the structures and functions of the components of the human body. It is especially designed for students who are interested in pursuing careers in medical and allied health fields. Among the topics students will study are the structure and function of cells, tissues, and organs, as well as the skeletal, muscular, nervous, endocrine, digestive, respiratory, circulatory, lymphatic, urinary, and reproductive systems. Students will be involved in lab work and research papers/projects. This course is recommended for the student of average or above average ability and interest in science. **Prerequisite:** Biology AND Chemistry 1 **For Dual Enrollment:** Biology 103 AND student must meet the requirements of the Dual Enrollment Program. **Special Note:** Credit may be earned in either Human Anatomy and Physiology College Prep OR Human Anatomy and Physiology Dual Enrollment, but not both.

220028 HUMAN ANATOMY AND PHYSIOLOGY DUAL ENROLLMENT (BIO 201) UA EARLY COLLEGE 1 CREDIT

This dual enrollment course is an early college course through a university. It is for students with activities in the structures and functions of the components of the human body. It is especially designed for students who are interested in pursuing careers in medical and allied health fields. Among the topics students will study are the structure and function of cells, tissues, and organs, as well as the skeletal, muscular, nervous, endocrine, digestive, respiratory, circulatory, lymphatic, urinary, and reproductive systems. Students will be involved in lab work and research papers/projects. This course is recommended for the student of average or above average ability and interest in science. **Prerequisite:** Biology AND Chemistry 1 **For Dual Enrollment:** Biology 103 AND student must meet the requirements of the Dual Enrollment Program. **Special Note:** Credit may be earned in either Human Anatomy and Physiology College Prep OR Human Anatomy and Physiology Dual Enrollment, but not both.

220040ad MARINE BIOLOGY 1 CREDIT

This course is intended to provide students with advanced studies in biology within the context of the marine environment. While emphasis is primarily on living systems, oceanography and aspects of marine water chemistry are important components of the course. Also studied are comparative anatomy and physiology of freshwater and saltwater organisms' classification, biodiversity, interdependence within marine biomes, and human and natural impacts onmarine systems. **Prerequisite:** Biology AND Chemistry 1 OR Physical Science **Special Note:** Credit may be earned in Marine Biology, Marine Biology Honors orMarine Biology Field Studies, but not all three.

220040ah MARINE BIOLOGY HONORS 1 CREDIT

This course provides students with a survey of the marine biome. The content includes the origin of oceans, the nature of the marine habitat including chemical, physical, and geological aspects; ecology of the sea zonation; marine communities; classification; taxonomy; characteristics of major marine phyla/divisions; and man's interrelationship with the oceans. This course is recommended for the student with above average ability and interest in science. **Prerequisite:** Biology 1 AND Chemistry 1 **Special Note:** Credit may be earned in Marine Biology 1,Marine Biology 1 Honors or Marine Biology Field Studies, but not all three.

220040al MARINE BIOLOGY FIELD STUDIES 1 CREDIT

This is the same course as Marine Biology 1 HR except that it is taught during the summer at the Dauphin Island Sea Lab which is located on the east side of Dauphin Island. The course consists of 183+ contact hours of extensive field studies, teacher contact, and projects. Four weeks of room, board, and tuition are assessed and are payable by the student to the Sea Lab. This course is recommended for the student of average or above average ability and interest in science. Students must pay about $2,250.00 for this course. **Prerequisite:** Biology 1 AND Chemistry 1 OR Instructor Permission **Special Note:** Credit may be earned in Marine Biology, Marine Biology Honors or Marine Biology Field Studies, but only one.

220051 PHYSICAL SCIENCE 1 CREDIT

This course provides students with a qualitative investigative study of the introductory concepts of physics and chemistry. The contents include dynamics, classification and interaction of matter, periodic table, chemical interactions, nuclear reactions, and career opportunities. **Special Note:** It is recommended that students have completed Algebra 1 before registering for this course. Students who have successfully completed Chemistry CP, Physics CP or AP Physics **MAY NOT** take this course.

220072 PHYSICS COLLEGE PREP 1 CREDIT

This course provides students with a rigorous study of theories and laws governing the interaction of matter, energy, and the forces of nature. The contents include kinematics, dynamics, energy, work, heat, thermodynamics, waves, light, electricity/magnetism, sound, and nuclear physics. Use of equipment provided by the Alabama Science in Motion program is recommended. **Prerequisite:** Chemistry 1 AND upper level Mathematics courses above Geometry
Special Note: It is highly recommended that students enrolled in this course one semester be registered for Physics Research and Design AP the other semester. (Students may enroll in Physics B AP or Physics C AP after the successful completion of this course.)

220057 PHYSICS 1 ADVANCED PLACEMENT (AP): ALGEBRA BASED 1 1 CREDIT

Algebra-based is the equivalent of a first-semester college course in algebra-based physics, but it is designed to be taught over a full academic year. The full year also allows time for inclusion of physics content specified by state standards. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits.
Prerequisite: Students should have completed Geometry and be concurrently taking Algebra II, or an equivalent course. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics I course itself. No prior course work in Physics is required

220058 PHYSICS 2 ADVANCED PLACEMENT (AP): ALGEBRA BASED 2 1 CREDIT

Algebra-based is the equivalent of a Second-semester college course in algebra-based physics, but is it is designed to be taught over a full academic year. The full year also allows time for inclusion of physics content specified by state standards. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. **Prerequisite**: Students should have taken or be concurrently taking Pre-Calculus, or an equivalent course. Students should have had AP Physics I or a comparable introductory course.
Special Note: Physics II is recommended for students considering pre-med or life science majors.

220069 ADVANCED PLACEMENT PHYSICS C: MECHANICS (CALCULUS BASED 1) 1 CREDIT

This course serves as the foundational calculus-based, college-level physics course, especially appropriate for students planning to specialize in major in physical science or engineering. The course explores topics such as kinematics; Newton's Law of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. **Prerequisite:** Students should have completed Geometry and be concurrently taking Algebra II, or an equivalent course. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics course itself. No prior course work in Physics is required.

220075 ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND MAGNETISM (CALCULUS BASED 2) 1 CREDIT

This course serves as the second calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. **Prerequisite:** Students should have completed Geometry and be concurrently taking Algebra II, or an equivalent course. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics course itself. No prior course work in Physics is required.

220073aa AICE PHYSICS: CAMBRIDGE HONORS 1 CREDIT

Advanced detailed exploration of properties of physical matter, physical quantities, motion and stability, energy, and waves and their applications for information transfer through authentic investigations and engineering design processes. **Special Note:** Offered at Bryant High School

220078ah PHYSICS RESEARCH AND DESIGN ADVANCED PLACEMENT (AP) 1 CREDIT

Designed for Advanced Placement courses, this laboratory-based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science project is required. Use of equipment provided by the Alabama Science in Motion program is recommended. **Prerequisite:** AP Physics courseAND/OR InstructorApproval
Special Note: Elective Credit, not Science Credit.

220078ac PHYSICS RESEARCH ADVANCED PLACEMENT: B 1 CREDIT

Designed for Advanced Placement courses, this laboratory based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science project is required. Use of equipment provided by the Alabama Science inMotion programis recommended. **Prerequisite:** AP Physics courseAND/OR InstructorApproval
Special Note: Elective Credit, not Science Credit

220078ad PHYSICS RESEARCH AND DESIGN INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

Designed for International Baccalaureate courses, this laboratory based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science research project is required. **Prerequisite:** Physics IB course AND/OR Instructor Approval. **Special Note:** Currently offered at Murphy AND Davidson Elective Credit, not Science Credit

220044 ZOOLOGY 1 CREDIT

This course builds on what students have learned in biology with added emphasis on animal taxa, basic body plans, symmetry, and behavior. Laboratory investigations should include dissection as well as computer simulation to provide students with adequate exposure to the comparative anatomy of representative animal species.
Prerequisite: Biology AND Chemistry or Physical Science.

SOCIAL STUDIES EDUCATION

MR. NATHANIEL SMITH, SUPERVISOR
nsmith@mcpss.com **221-4142**

An effective social studies education prepares students for life as rational, concerned, and involved citizens in a democratic society. The K-12 curriculum unfolds a well-told story of humans' interactions with the environment. This story is told within a framework of historic, geographic, economic, and political literacy. Teachers, by preparing well-constructed, challenging lessons that actively engage students, are teaching them to become more reflective as they communicate complex ideas with clarity and precision.

For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

230013 WORLD HISTORY: 1500 TO PRESENT 1 CREDIT
Students study and analyze global issues regarding politics, economics, society, and the environment.

230014aa WORLD HISTORY: 1500 TO PRESENT HONORS 1 CREDIT
This course includes all features of World History and Geography but a more demanding level with the use of extensive supplementary materials and research requirements.

230027 WORLD HISTORY ADVANCED PLACEMENT (AP) 1 CREDIT
This AP course will develop a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage.

230014 GLOBAL HISTORY: ANTIQUITY TO THE FRENCH REVOLUTION PRE-IB 1 CREDIT
This course will explore the political, military, social, and cultural history from ancient times to the French Revolution, with an emphasis placed in the context of developments in political thought and practice.
Special note: Currently offered at Murphy AND Davidson

230029 EUROPEAN HISTORY ADVANCED PLACEMENT (AP) 1 CREDIT
This course will provide students with knowledge of basic chronology, major events, and trends from the year 1450 to the present. Students will research the inferences of the late medieval period on post-1450 events.
Special Note: AP European History can be used to take the place of 10th grade U.S. History only if the student successfully completes AP US History.

230016 UNITED STATES HISTORY: TO THE INDUSTRIAL REVOLUTION 1 CREDIT
During this course, students gain knowledge of political, economic, and social forces that led to the founding of the nation; the impact of the natural environment on all aspects of life in American; and its emergence as an international power.

230017 UNITED STATES HISTORY TO THE INDUSTRIAL REVOLUTION HONORS 1 CREDIT
This course includes all features of United States History and Geography but at a more demanding level with the use of extensive and advanced supplemental materials

905004 UNITED STATES HISTORY TO THE INDUSTRIAL REVOLUTION DUAL ENROLLMENT (HIS 201) 1 CREDIT
This course surveys United States History during the colonial, Revolutionary, early national and antebellum periods. It concludes with the Civil War and reconstruction. Prerequisite: Student must meet the requirements of the Dual Enrollment Program.

230022 UNITED STATES HISTORY AP 1 CREDIT
College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for United States history.

230033aa HISTORY OF THE AMERICAS 1 INTERNATIONAL BACCALAUREATE 1 CREDIT
The International Baccalaureate course, History of the Americas, is a two year college level course. The first year offers a comprehensive study of the national history of the United States. College credit may be granted at the discretion of the student's chosen college or university. **Prerequisite:** Admission to IB Program
Special Note: Currently offered at Murphy AND Davidson

230017ab AICE AMERICAN HISTORY AS: CAMBRIDGE RESEARCH 1 CREDIT
This course meets the Cambridge AICE diploma requirement. It includes all features of early U.S. History but at a more demanding level with the use of the Cambridge International AS and A Level History (9389) curriculum. Cambridge International AS and A Level History (American Option) emphasizes both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies.
Prerequisite: Acceptance into the Cambridge Program and AP World History

230020aa AICE AMERCAN HISTORY A: CAMBRIDGE RESEARCH 1 CREDIT
This course meets the Cambridge AICE diploma requirement. It includes all features of modern U.S. History but at a more demanding level with the use of the Cambridge International AS and A Level History (9389) curriculum. Cambridge International AS and A Level History (American Option) emphasizes both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. American History A is an extension of American History AS. These courses are intended to be taken over two terms exploring early U.S. History and then modern U.S. History. **Prerequisite:** AICE American History AS

230019 UNITED STATES HISTORY INDUSTRIAL REVOLUTION TO PRESENT 1 CREDIT
During this course, students gain knowledge of the changing political, economic, and cultural forces at work within the nation; of the impact of the natural environment on all aspects of life in America; and of the role of America in the international community.

230020 UNITED STATES HISTORY INDUSTRIAL REVOLUTION TO PRESENT HONORS 1 CREDIT
This course includes all features of United States History and Geography but at a more demanding level with the use of extensive and advanced supplementary materials and research requirements.

230018 UNITED STATES HISTORY INDUSTRIAL REVOLUTION TO PRESENT DUAL ENROLLMENT (HIS201) 1 CREDIT
Advanced work in the chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States; Alabama's history and geographic changes that have influenced aspects of life during and after events.

230021aa UNITED STATES HISTORY INDUSTRIAL REVOLUTION TO PRESENT DUAL ENROLLMENT (HIS202) 1 CREDIT
This course is a continuation of History, U.S. to IR Dual Enrollment – HIS 201 (230018); it surveys United States History from IR to the present. **Prerequisite:** History, U.S. to IR Dual Enrollment – HIS 201 (230018)

230033ab HISTORY OF THE AMERICAS 2 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT
The second year offers a comprehensive study of the national history of selected Latin American countries and twentieth century world history topics. College credit may be granted at the discretion of the student's chosen college or university. Prerequisite: Admission to IB Program Special Note: Currently offered at Murphy AND Davidson

230041 UNITED STATES GOVERNMENT .5 CREDIT
The instructional goals of this course are to provide factual knowledge of the institutions and political activities of American Government with emphasis on the national level.

230042 UNITED STATES GOVERNMENT HONORS .5 CREDIT
This course includes all features of American Government but at a more demanding level with the use of extensive supplementary materials.

230047 UNITED STATES GOVERNMENT ADVANCED PLACEMENT (AP) .5 CREDIT
This course is designed to give students a critical perspective on government and politics in the United States. This course requires familiarity with the institutions, groups, beliefs, and ideas that make up American political reality.

230044 COMPARATIVE GOVERNMENT AND POLITICS ADVANCED PLACEMENT (AP) 1 CREDIT
The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes.

230051 ECONOMICS .5 CREDIT
This course incorporates a study of comparative economics, economic theory, and consumer economics.

230052 ECONOMICS HONORS .5 CREDIT
This course includes all features of economics but at a more demanding level with the use of extensive supplementary materials.

230054 MACRO ECONOMICS ADVANCED PLACEMENT (AP) .5 CREDIT
This course provides a thorough understanding of the principles of economics that apply to an economic system as a whole. Emphasis is placed on the study of national income and price determination.

230052aa **AICE ECONOMICS: CAMBRIDGE RESEARCH** **1 CREDIT**

This course meets the Cambridge AICE diploma requirement. It includes all features of Economics but at a more demanding level with the use of the Cambridge International AS and A Level Economics (9708) curriculum. Cambridge International AS and A Level Economics gives learners the opportunity to study how to explain and analyze economic issues and arguments, evaluate economic information, and organize, present and communicate ideas and judgements clearly. Through their study, learners will explore a range of basic economic ideas, including an introduction to the price system and government intervention, international trade and exchange rates, the measurement of employment and inflation, and the causes and consequences of inflation. Learners also study the price system, the theory of the firm, market failure, macroeconomic theory and policy, and economic growth and development.
Prerequisite: AICE General Papers

230032al **RESEARCH AND WRITING SEMINAR INTERNATIONAL BACCALAUREATE** **1 CREDIT**

This is an eleventh and twelfth grade course to enhance students' research skills and analytical writing skills.
Prerequisite: Admission to IB Program **Special Note:** Currently offered at Murphy AND Davidson

230095ab **THEORY OF KNOWLEDGE 1 INTERNATIONAL BACCALAUREATE** **1 CREDIT**

This course is the key element in the educational philosophy of the International Baccalaureate Program (IB); its purpose is to stimulate critical reflection upon the knowledge and experiences acquired both inside and outside the classroom, to evaluate the basis of knowledge and experiences, and to develop a personal mode of thought based upon critical examination of evidence and argument. **Prerequisite:** Admission to IB Program
Special Note: Currently offered at Murphy AND Davidson

230095ae **THEORY OF KNOWLEDGE 2 INTERNATIONAL BACCALAUREATE** **1 CREDIT**

This course is the key element in the educational philosophy of the International Baccalaureate Program (IB); its purpose is to stimulate critical reflection upon the knowledge and experiences acquired both inside and outside the classroom, to evaluate the basis of knowledge and experiences, and to develop a personal mode of thought based upon critical examination of evidence and argument. **Special Note:** Currently offered at Murphy AND Davidson.

230092 **PHILOSOPHY INTERNATIONAL BACCALAUREATE** **1 CREDIT**

Students who complete the course successfully will be able to use philosophical language clearly, consistently, and appropriately; identify and formulate problems philosophically; examine concepts and questions philosophically; relate specific texts and authors to the examination of concepts and problems; and construct philosophical arguments.
Prerequisite: Admission to IB Program `**Special Note:** Currently offered at Murphy

SOCIAL STUDIES ELECTIVES

230032ax **AICE RESEARCH SEMINAR: CAMBRIDGE** **1 CREDIT**
Cambridge Social Studies elective to accompany AICE Economics; to enhance student's research skills and analytical writing skills.

230071af **ABNORMAL PSYCHOLOGY** **1 CREDIT**
This course will explain how people with diagnosed psychological disorders actually behave. The course will explore current theories and practices in the treatment of the mentally ill, covering the multiple approaches that prevail in the field today. Topics will include defining abnormal behavior, the nature of stress, the anxiety disorders, psychological factors related to physical illnesses, personality disorders, substance abuse disorders, mood disorders, schizophrenia, organic mental disorders, behavior disorders of childhood, psychotherapies, and prevention.

230082 **ANTHROPOLOGY/ARCHEOLOGY** **1 CREDIT**
Cultural origins; cultural behaviors; race, religion, sex roles, institutions, and economic status; ethnology and linguistics.
NOTE: DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION

230091 **COMPARATIVE RELIGION** **1 CREDIT**
This course is an introduction to the major religious traditions including Hinduism, Buddhism, Islam, Judaism, Confucianism and Christianity.

230201ac **CONTEMPORARY ISSUES** **1 CREDIT**
The activities in this elective course encourage students to investigate issues by looking beyond the presentation given in the media.

230201aa **CONTEMPORARY WORLD ISSUES** **1 CREDIT**
This course will provide students an opportunity to study current issues which are global in nature.

230212 **GLOBAL PERSPECTIVES CAMBRIDGE HONORS** **1 CREDIT**
A ground-breaking and stimulating course (0457) that stretches across traditional subject boundaries and develops transferable skills. It is both cross-curricular and skills-based and taps into the way learners of today enjoy learning, including team work, presentations, projects, and working with other learners around the world. The emphasis is on developing the ability to think critically about a range of global issues where there is always more than one point of view. **Prerequisite:** Acceptance into Cambridge Program

230032af **HISTORY, RESEARCH, AND WRITING SEMINAR ADVANCED PLACEMENT** **1 CREDIT**
This is an eleventh and twelfth grade course to enhance students' research skills and analytical writing skills. This course will allow students enrolled in AP history courses adequate exam preparation.

230032an **HISTORY OF MOBILE: HOMETOWN** **1 CREDIT**
The purpose of this course is to educate students about the history of Mobile.

230032ae **HOLOCAUST** **1 CREDIT**
This course explores the history and memory of the Holocaust.

230062 HUMAN GEOGRAPHY ADVANCED PLACEMENT 1 CREDIT

This AP course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice.
Special Note: It is recommended that students should be classified as 11th or 12th graders.

802206 LEADERSHIP 1 1 CREDIT

This introductory course will educate students through an interdisciplinary approach to parliamentary procedure, citizenship, and public service activities with an emphasis on school history and pride.

802206ac LEADERSHIP 2 1 CREDIT

This course will give students an opportunity to prepare agendas, conduct business meetings, and debate issues regarding the school and community. **Prerequisite**: Leadership 1 (802206)

230072 PSYCHOLOGY ADVANCED PLACEMENT (AP) 1 CREDIT

This AP course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. **Special Note:** Student should be classified as 11th or 12th grader.

230071ab PSYCHOLOGY 1 CREDIT

This elective course provides students with an overview of the scientific principles of psychology and exposure to the studies of both modern and classical psychologists.

230071ae PSYCHOLOGY DUAL ENROLLMENT (PSY 200) 1 CREDIT

This Dual Enrollment course is a survey of behavior with emphasis upon psychological processes. This course includes the biological bases for behavior, thinking, emotion, motivation, and the nature and development of personality. Special **Note:** Student must meet requirements of the Dual Enrollment program AND should be classified as 11th or 12th grader.

911400 SOCIOLOGY DUAL ENROLLMENT 1 CREDIT

This course is designed to introduce students to the theories, concepts and areas of inquiry that typically characterize sociological analyses. Specific areas to be covered may include: culture, socialization and social interaction, social groups, deviance, social class, race and ethnicity, sex and gender, and aging. Sociology furnishes an academic foundation for responsible citizenship in a multi-racial and multi-cultural global community. Students will also be expected to analyze and interpret a variety of primary and secondary source materials.

230081 SOCIOLOGY 1 CREDIT

This is a study of cultural diversity and its effects on social trends in the United States.

230093 SOCIETY AND THE LAW 1 CREDIT

This course will provide students with an understanding of the various aspects of law which they could encounter in their future.

230032ah THE FAR EAST 1 CREDIT

This is a survey course of the history and current problems of the Far East.

230032 WESTERN CIVILIZATION: THE INFLUENCE OF GREECE AND ROME 1 CREDIT

This is a tenth grade course to emphasize the influence of Greece and Roman civilization on the development of western civilization.

230061 WORLD GEOGRAPHY 1 CREDIT

World geography is an elective course for students in grades 9-12. Included in the design of the course are the five essential geographic skills presented in the National Geography Standards. World geography is divided into two components: (1) physical and (2) human

230063 WORLD GEOGRAPHY INTERNATIONAL BACCALAUREATE 1 CREDIT

This course fulfills the elective group course requirement of the IB program for students in grades 11 or 12. The course presents topics in Population and Resources, Climate and Climate Change, and Contemporary Issues in Geographical Regions. The course arms students with an understanding of global interdependence, the importance of managing resources and environments, and the necessity for respecting and preserving the planet.
Prerequisite: Admission to the IB program

SPECIAL EDUCATION

MS. SHARON MAGEE, SUPERVISOR
samagee@mcpss.com **221-4220**

Students with disabilities require courses designed to meet their individual needs. The goals and objectives in each student's Individualized Education Program determine course content. Course requirements for the Alabama High School Diploma Pathways are listed under the "Diploma Requirements" section. For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

600301al **TRANSITION SERVICES 1** **1 CREDIT**
This course code applied to the first tier of Alabama's four-tier transition standards. Students enrolled in this course should be performing at the first tier in one or more of the transition standards strands. These standards are based on the scope and sequence that includes the transition strands: (1) academic/training (AT), (2) occupations and careers (OC), (3) personal/social (PS), and (4) daily living (DL). Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community. Teachers for this course do not have to meet the highly qualified status.

600301af **TRANSITION SERVICES 2** **1 CREDIT**
This course code applied to the second tier of Alabama's four-tier transition standards. Students enrolled in this course should be performing at the second tier in one or more of the transition standards strands. These standards are based on the scope and sequence that includes the transition strands: (1) academic/training (AT), (2) occupations and careers (OC), (3) personal/social (PS), and (4) daily living (DL). Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community. Teachers for this course do not have to meet the highly qualified status.

600301ae **TRANSITION SERVICES 3** **1 CREDIT**
This course code applied to the third tier of Alabama's four-tier transition standards. Students enrolled in this course should be performing at the third tier in one or more of the transition standards strands. These standards are based on the scope and sequence that includes the transition strands: (1) academic/training (AT), (2) occupations and careers (OC), (3) personal/social (PS), and (4) daily living (DL). Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community. Teachers for this course do not have to meet the highly qualified status.

600301ar **TRANSITION SERVICES 4** **1 CREDIT**
This course code applied to the fourth tier of Alabama's four-tier transition standards. Students enrolled in this course should be performing at the fourth tier in one or more of the transition standards strands. These standards are based on the scope and sequence that includes the transition strands: (1) academic/training (AT), (2) occupations and careers (OC), (3) personal/social (PS), and (4) daily living (DL). Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community. Teachers for this course do not have to meet the highly qualified status.

600330ac **READING: BASIC SKILLS 9** **1 CREDIT**

This course teaches reading strategies that improve fluency and comprehension of fiction and non-fiction to struggling readers. Teachers provide remediation in the area of reading to students with disabilities who have received their core instruction from a general education teacher.

600330ad **READING: BASIC SKILLS 10** **1 CREDIT**

This course teaches reading strategies that improve fluency and comprehension of fiction and non-fiction to struggling readers. Teachers provide remediation in the area of reading to students with disabilities who have received their core instruction from a general education teacher.

600330ae **READING: BASIC SKILLS 11** **1 CREDIT**

This course teaches reading strategies that improve fluency and comprehension of fiction and non-fiction to struggling readers. Teachers provide remediation in the area of reading to students with disabilities who have received their core instruction from a general education teacher.

600330af **READING: BASIC SKILLS 12** **1 CREDIT**

This course teaches reading strategies that improve fluency and comprehension of fiction and non-fiction to struggling readers. Teachers provide remediation in the area of reading to students with disabilities who have received their core instruction from a general education teacher.

600331ab **ENGLISH LANGUAGE ARTS: BASIC SKILLS 9** **1 CREDIT**

This code applies to teachers providing remediation in the area of English language arts to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600331ac **ENGLISH LANGUAGE ARTS: BASIC SKILLS 10** **1 CREDIT**

This code applies to teachers providing remediation in the area of English language arts to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600331ad **ENGLISH LANGUAGE ARTS: BASIC SKILLS 11** **1 CREDIT**

This code applies to teachers providing remediation in the area of English language arts to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600331ae **ENGLISH LANGUAGE ARTS: BASIC SKILLS 12** **1 CREDIT**

This code applies to teachers providing remediation in the area of English language arts to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600332ab **MATHEMATICS: BASIC SKILLS 9** **1 CREDIT**

This code applies to teachers providing remediation in the area of mathematics to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600332ac **MATHEMATICS: BASIC SKILLS 10** **1 CREDIT**

This code applies to teachers providing remediation in the area of mathematics to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600332ad **MATHEMATICS: BASIC SKILLS 11** **1 CREDIT**

This code applies to teachers providing remediation in the area of mathematics to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600332ae **MATHEMATICS: BASIC SKILLS 12** **1 CREDIT**

This code applies to teachers providing remediation in the area of mathematics to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600333ab **SCIENCE: BASIC SKILLS 9** **1 CREDIT**

This code applies to teachers providing remediation in the area of science to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600333ac **SCIENCE: BASIC SKILLS 10** **1 CREDIT**

This code applies to teachers providing remediation in the area of science to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600333ad **SCIENCE: BASIC SKILLS 11** **1 CREDIT**

This code applies to teachers providing remediation in the area of science to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600333ae **SCIENCE: BASIC SKILLS 12** **1 CREDIT**

This code applies to teachers providing remediation in the area of science to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600334ad **SOCIAL STUDIES: BASIC SKILLS 9** **1 CREDIT**

This code applies to teachers providing remediation in the area of social studies to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600334ae **SOCIAL STUDIES: BASIC SKILLS 10** **1 CREDIT**

This code applies to teachers providing remediation in the area of social studies to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600334af **SOCIAL STUDIES: BASIC SKILLS 11** **1 CREDIT**
This code applies to teachers providing remediation in the area of social studies to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

600334ag **SOCIAL STUDIES: BASIC SKILLS 12** **1 CREDIT**
This code applies to teachers providing remediation in the area of social studies to students with disabilities who have received their core instruction from a general education teacher. Teachers for this course do not have to meet the highly qualified teacher status.

ALTERNATE ACHIEVEMENT STANDARDS PATHWAY

600512ab **AAS: CAREER PREPAREDNESS 9** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards). Course objectives emphasize increasing independence and self-determination skills.

600512ag **AAS: CAREER PREPAREDNESS 10** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards). Course objectives emphasize increasing independence and self-determination skills.

600512ah **AAS: CAREER PREPAREDNESS 11** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards). Course objectives emphasize increasing independence and self-determination skills.

600512ai **AAS: CAREER PREPAREDNESS 12** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards). Course objectives emphasize increasing independence and self-determination skills.

600535aa **AAS: COMMUNITY-BASED INSTRUCTION 10** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a community-based instruction. Course objectives emphasize learning beyond the classroom through community integration.

600535ab **AAS: COMMUNITY-BASED INSTRUCTION 11** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a community-based instruction. Course objectives emphasize learning beyond the classroom through community integration.

600535ac **AAS: COMMUNITY-BASED INSTRUCTION 12** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a community-based instruction. Course objectives emphasize learning beyond the classroom through community integration.

600439 **AAS: ENGLISH LANGUAGE ARTS 9** **1 CREDIT**
This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards).

600440 **AAS: ENGLISH LANGUAGE ARTS 10** **1 CREDIT**
This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards).

600441 **AAS: ENGLISH LANGUAGE ARTS 11** **1 CREDIT**
This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards).

600442 **AAS: ENGLISH LANGUAGE ARTS 12** **1 CREDIT**
This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards).

600503 **AAS: HEALTH EDUCATION 10** **.5 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards). Course objectives are aligned with the content standards in the Alabama Course of Study: Health Education.

600507ac **AAS: LIFE SKILLS 9** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills.

600507ad **AAS: LIFE SKILLS 10** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills.

600507ae **AAS: LIFE SKILLS 11** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills.

600507af **AAS: LIFE SKILLS 12** **1 CREDIT**
This code applies to students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills.

600459 **AAS: MATHEMATICS 9** **1 CREDIT**
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards).

600460 **AAS: MATHEMATICS 10** **1 CREDIT**
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards).

600461 **AAS: MATHEMATICS 11** **1 CREDIT**
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards).

600462 **AAS: MATHEMATICS 12** **1 CREDIT**
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards).

600556 **AAS: PROJECT SEARCH** **1 CREDIT**
A one-year high school transition program, hosted at a business site, to include classroom instruction, career exploration, and on the job training. Students are supported by job coaches during three internship opportunities. The LEA, through an application process, determines acceptance to the program.

600419 **AAS: READING 9** **1 CREDIT**
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards).

600420 **AAS: READING 10** **1 CREDIT**
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards).

600421 **AAS: READING 11** **1 CREDIT**
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards).

600422 **AAS: READING 12** **1 CREDIT**
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards).

600479 AAS: SCIENCE 9 1 CREDIT
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards).

600480 AAS: SCIENCE 10 1 CREDIT
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards).

600481 AAS: SCIENCE 11 1 CREDIT
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards).

600482 AAS: SCIENCE 12 1 CREDIT
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards).

600499 AAS: SOCIAL STUDIES 9 1 CREDIT
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards).

600500 AAS: SOCIAL STUDIES 10 1 CREDIT
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards).

600501 AAS: SOCIAL STUDIES 11 1 CREDIT
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards).

600502 AAS: SOCIAL STUDIES 12 1 CREDIT
This course applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards).

600516aa AAS: PRE-VOCATIONAL 9 1 CREDIT
This course applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize job exploration and pre-employment readiness instruction. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

600516ab **AAS: PRE-VOCATIONAL 10** **1 CREDIT**
This course applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize job exploration and pre-employment readiness instruction.

600516ac **AAS: PRE-VOCATIONAL 11** **1 CREDIT**
This course applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize job exploration and pre-employment readiness instruction.

600516ad **AAS: PRE-VOCATIONAL** **1 CREDIT**
This course applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize job exploration and pre-employment readiness instruction.

600525aa **AAS: VOCATIONAL 9** **1 CREDIT**
This course applies to students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills.

600525ab **AAS: VOCATIONAL 10** **1 CREDIT**
This course applies to students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills.

600525ac **AAS: VOCATIONAL 11** **1 CREDIT**
This course applies to students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills.

600525ad **AAS: VOCATIONAL 12** **1 CREDIT**
This course applies to students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills.

ESSENTIALS PATHWAY

700005 ENGLISH ESSENTIALS 9 **1 CREDIT**

This ninth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment. Teachers must meet highly qualified teacher status for the appropriate course and grade.

700006 ENGLISH ESSENTIALS 10 **1 CREDIT**

This tenth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment. Teachers must meet highly qualified teacher status for the appropriate course and grade.

700007 ENGLISH ESSENTIALS 11 **1 CREDIT**

This eleventh grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment. Teachers must meet highly qualified teacher status for the appropriate course and grade.

700008 ENGLISH ESSENTIALS 12 **1 CREDIT**

This twelfth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment. Teachers must meet highly qualified teacher status for the appropriate course and grade.

700015 ALGEBRAIC CONCEPTS **1 CREDIT**

This course provides students with prerequisite algebra skills identified in the general education math courses. The course includes essential concepts to prepare students for Algebraic Essentials A & B.

750601 ALGEBRAIC ESSENTIALS **1 CREDIT**

This course provides students with foundational skills identified in the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living.

700016 ALGEBRAIC ESSENTIALS A **1 CREDIT**

This course provides students with foundational skills identified in the first half of the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living.

700017 ALGEBRAIC ESSENTIALS B **1 CREDIT**

This course provides students with foundational skills identified in the second half of the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living.

750651 GEOMETRY ESSENTIALS 1 CREDIT
This course provides students with foundational skills identified in the general education Geometry course. The course includes essential concepts to equip students with the geometry skills necessary for employment and independent living.

700018 GEOMETRY ESSENTIALS A 1 CREDIT
This course provides students with foundational skills identified in the first half of the general education Geometry course. The course includes essential concepts to equip students with the geometry skills necessary for employment and independent living.

700019 GEOMETRY ESSENTIALS B 1 CREDIT
This course provides students with foundational skills identified in the second half of the general education Geometry course. The course includes essential concepts to equip students with the geometry skills necessary for employment and independent living skills.

750701 ESSENTIALS ALGEBRA 2 1 CREDIT
This course provides students with foundational skills identified in the general education Algebra II course. The course includes algebra concepts to equip students with more advanced algebra skills necessary for employment and independent living.

750751 ESSENTIALS ALGEBRA 2 WITH TRIGONOMETRY 1 CREDIT
This course provides students with foundational skills identified in the general education Algebra II with Trig course. The course includes algebra concepts to equip students with more advanced algebra and trigonometry skills necessary for employment and independent living.

750801 ESSENTIALS ALGEBRA WITH FINANCE 1 CREDIT
This course integrates foundational algebra, probability and statistics, and geometry to solve financial problems that occur in everyday life. These skills are identified in the general education Algebra with Finance course. The course includes real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting, and planning for retirement in order to equip students with the skills necessary for employment and independent living.

700031 ESSENTIALS 1: WORLD HISTORY 1 CREDIT
This course is a study of world history from 1500 to the present. Students are able to apply and utilize their knowledge to develop informed opinions about issues such as the quest for peace, human rights, trade, global ecology and the impact each has on everyday life situations.

700032 ESSENTIALS 2: US HISTORY TO 1877 1 CREDIT
This course follows a chronological study of major events, issues, movements, leaders, and groups of people of the United States through Reconstruction from a national and Alabama perspective.

700033 ESSENTIALS 3: US HISTORY FROM 1877 TO PRESENT 1 CREDIT
This course begins with the post-Reconstruction United States and its shift into a more industrialized society and continues through the twentieth century to the present.

700034 ESSENTIALS 4: ECONOMICS 1 CREDIT

This course is a one-semester course that focuses on the functions and institutions of modern-day economic systems and theory. Students gain skills that will enable them to anticipate changes in economic conditions and how to adjust to the changes to improve their lives and their communities.

700035 ESSENTIALS 5: US GOVERNMENT 1 CREDIT

This course is a one-semester course that focuses on the origins, structure, and functions of government at all levels. It also includes a detailed study of the constitution of the United States and its provisions.

700043 ESSENTIALS CAREER PREPARATION 1 CREDIT

This course is designed to prepare high school students for work-based experiences. Work-based experiences can be an apprenticeship (paid) or an internship (unpaid). The student should have a minimum of 140 successful hours under the supervision of a workplace mentor and the special education teacher and/or a representative of vocational rehabilitation services. This course meets the requirement of the Essentials/Life Skills Pathway.

750101 ESSENTIALS: PHYSICAL SCIENCE 1 CREDIT

This course is designed to provide students with practical knowledge of Physical Science including scientific process and application skills; periodic table; solutions; bonding; chemical formulas; physical and chemical change; gravitational, electromagnetic, and nuclear forces; motion; energy; energy transformation; electricity and magnetism; nuclear science; metric units.

750201 ESSENTIALS BIOLOGY 1 CREDIT

This course is designed to provide students with practical knowledge of Biology including process and application skills; cell processes; cell theory; photosynthesis and cellular respiration; genetics; classification; plants; animals; ecology; biogeochemical cycles.

750301 ESSENTIALS EARTH AND SPACE SCIENCE 1 CREDIT

This course is designed to provide students with practical knowledge of Earth and Space Science including scientific process and application skills; energy in the Earth system; weather; seasons; theories for origin and age of the universe; stars, pulsars, quasars, black holes, and galaxies; Earth and space scientists; space exploration.

750401 ESSENTIALS ENVIRONMENTAL SCIENCE 1 CREDIT

This course is designed to provide students with a practical knowledge of Environmental Science including scientific process and application skills; natural and human impacts; carrying capacity; renewable and nonrenewable energy resources; properties and importance of water; land use practices; composition and erosion of soil.

750501 ESSENTIALS HUMAN ANATOMY AND PHYSIOLOGY 1 CREDIT

This course is designed to provide students with a practical knowledge of Human Anatomy and Physiology including scientific process and application skills; anatomical terminology; structure and function of cells, tissues, and body systems; biochemistry; system regulation and integration.

STUDENTS RETURNING AFTER COHORT YEAR

651112 **AAS: COMMUNITY-BASED INSTRUCTION BEYOND 1** **1 CREDIT**
Course objectives emphasize learning beyond the classroom through community integration. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

651112aa **AAS: COMMUNITY-BASED INSTRUCTION BEYOND 2** **1 CREDIT**
Course objectives emphasize learning beyond the classroom through community integration. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

651112ab **AAS: COMMUNITY-BASED INSTRUCTION BEYOND 3** **1 CREDIT**
Course objectives emphasize learning beyond the classroom through community integration. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

651612aa **AAS: LIFE SKILLS BEYOND 2** **1 CREDIT**
Course objectives emphasize increasing independence and self-determination skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

651612ab **AAS: LIFE SKILLS BEYOND 3** **1 CREDIT**
Course objectives emphasize increasing independence and self-determination skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

650602aa **AAS: MATHEMATICS BEYOND 2** **1 CREDIT**
Math curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

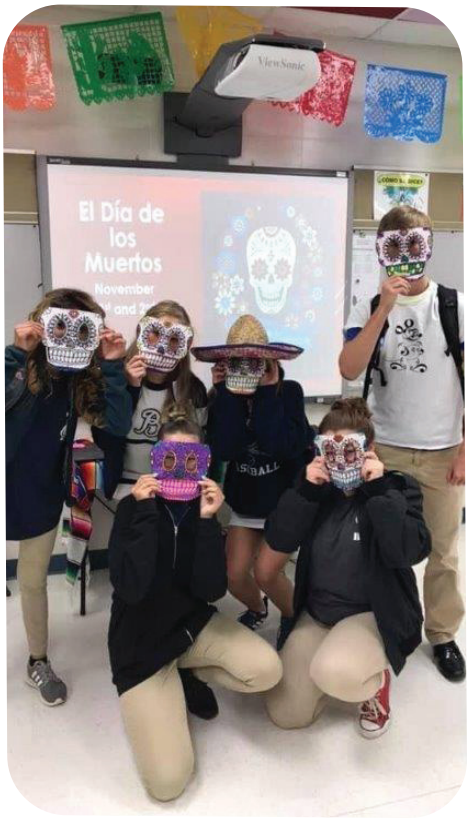
650602aa **AAS: MATHEMATICS BEYOND 3** **1 CREDIT**
Math curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

650202aa **AAS: READING BEYOND 2** **1 CREDIT**
Reading curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

650202ab **AAS: READING BEYOND 3** **1 CREDIT**
Reading curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

653205aa **AAS: VOCATIONAL BEYOND 2** **1 CREDIT**
Course objectives emphasize increasing job readiness and employability skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.

653205ab **AAS: VOCATIONAL BEYOND 3** **1 CREDIT**
Course objectives emphasize increasing job readiness and employability skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP.


El Día de
los
Muertos




BEIGNETS


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WORLD LANGUAGES

DR. LINDA S. BYRD, SUPERVISOR
lbyrd@mcpss.com **221-4087**

Proficiency in a foreign language is a valuable asset in today's global and culturally diverse society. Foreign language students gain an increased understanding and heightened awareness of their own native language.

Students who are seeking the Alabama High School Honors Diploma must complete two units of consecutive foreign language instruction in the same language. Advanced placement courses are more rigorous and require completion of the Advanced Placement examination to receive weighted credit. Upon successful completion of the AP exam, students may be awarded college credit by selected colleges and universities. Careful consideration of requisite skills is recommended.

For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

270003aa CHINESE 1 1 CREDIT
This course provides practice in correct use of elementary basic language structures through listening, speaking, and writing. It develops insights into the life and customs of China. It explores the historical and cultural heritage of the Chinese people. **Prerequisite:** None
Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

270003 CHINESE 1 HONORS 1 CREDIT
This rigorous course provides practice in correct use of elementary basic language structures through listening, speaking, and writing. It is designed for the academically motivated student. It develops insights into the life and customs of China. It explores the historical and cultural heritage of the Chinese people. **Prerequisite:** None
Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

270004 CHINESE 2 1 CREDIT
This course allows students to perform the most basic functions in the foreign language and enables them to carry out formulaic exchange in different social uses. Students read passages of familiar orthography written with a fixed set of graphs, analyze characters into components, and comprehend the intent of common signs. Students transcribe from PINYIN to CHARACTERS, and vice versa. **Prerequisite:** 270003aa or 270003
Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

270004aa CHINESE 2 HONORS 1 CREDIT
This rigorous course provides practice in correct use of elementary basic language structures through listening, speaking, and writing. It is designed for the academically motivated student. It develops insights into the life and customs of China. It explores the historical and cultural heritage of the Chinese people.
Prerequisite: 270003 and Teacher Recommendation Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

270006 CHINESE 2 INTERNATIONAL BACCALAUREATE 1 CREDIT

As determined by IB guidelines, this course develops comprehension of formal and informal spoken Chinese; which allow the reading of newspapers, magazines, and modern Chinese literature; expository composition skills; and accurate and fluent oral expression. **Prerequisite:** 270003 and Teacher Recommendation IB Enrollment
Special Note: International Baccalaureate test given at the end of the course.

270005 CHINESE 3 HONORS 1 CREDIT

This course allows students to demonstrate basic conversational strategies on studied topics. Students read narratives and dialogues in familiar and unfamiliar texts and comprehend more complex passages in HANZI. Students communicate by using a fixed set of HANZI and write letters, notes, and do oral presentations in HANZI.
Prerequisite: 270004aa or 270010 and teacher recommendation

270010 CHINESE 4 HONORS 1 CREDIT

This course further expands student recognition of appropriate social gestures for formal social/individual situations. Students read selected items from magazines and newspapers. Students write personal letters and short essays and communicate in HANZI using common terminology.
Prerequisite: 270005 and teacher recommendation. **Special Note:** Currently offered at Murphy

270013 CHINESE 5 HONORS 1 CREDIT

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.
Prerequisites: 270006 and teacher recommendation

270023aa FRENCH 1 1 CREDIT

This course introduces students to the French language and its culture. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding.
Special Note: In order to receive an Honors Diploma, a student must take Level I and Level II of the same language.

270023ac FRENCH 1 HONORS 1 CREDIT

This course is a beginning course for the intellectually motivated students. The course teaches listening, speaking, reading, writing, and cultural competency. The instructional pace is accelerated and more intensive than that of the regular classroom. **Prerequisite:** Instructor recommendation

270023ad FRENCH 1 IGCSE 1 CREDIT

This course is designed for students who are learning French as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as students progress through their studies. The course also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards languages learning and towards speakers of foreign languages.
Prerequisite: Acceptance into Cambridge program **Special Note:** Byant High School

270024ab FRENCH 2 1 CREDIT

This course reinforces the skills previously learned in French 2. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into French customs, history, art, music, and literature.
Prerequisite: French 1

270024ac **FRENCH 2 HONORS** **1 CREDIT**

This course is designed for the intellectually motivated students. Listening, speaking, reading, writing, and cultural competency are taught. Students are expected to demonstrate proficiency in all these areas. Class activities are designed to provide opportunities to practice and to acquire an extensive authentic vocabulary in a wide variety of real life situations. **Prerequisite:** French 1 or French 1 Honors and teacher recommendation

270023ad **FRENCH 2 IGCSE** **1 CREDIT**

This course is designed for the intellectually motivated student and is a continuation of French 1 IGCSE. Listening, speaking, reading, writing, and cultural competency are taught. Students are expected to demonstrate proficiency in all these areas. Class activities are designed to provide opportunities to practice and to acquire an extensive authentic vocabulary in a wide variety of real life situations. **Prerequisite:** Completion of French 1 IGCSE
Special Note: Bryant High School.

270025 **FRENCH 3 HONORS** **1 CREDIT**

This course further expands the skills previously learned in French II. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. **Prerequisite:** 270024ac and teacher recommendation

270029 **FRENCH 3 INTERNATIONAL BACCALAUREATE (IB)** **1 CREDIT**

This course further expands the skills previously learned in French 2 and follows the International Baccalaureate curriculum. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. International Baccalaureate test will be given at the end of the course.
Prerequisite: 270024ac and teacher recommendation

270027 **FRENCH 4 ADVANCED PLACEMENT (AP)** **1 CREDIT**

This course is an advanced study which emphasizes the development of reading and writing skills in the target language. Students will be exposed to a broad range of written and audio-visual texts. Priority will be given to the use of authentic materials and College Board approved syllabi.
Prerequisite: 270025 or 270029 and teacher recommendation
Special Note: The Advanced Placement test must be taken as the end of course test to receive AP weight.

270030 **FRENCH 4 INTERNATIONAL BACCALAUREATE (IB)** **1 CREDIT**

This course further expands the skills previously learned in French 2 and follows the International Baccalaureate curriculum. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. International Baccalaureate test will be given at the end of the course.
Prerequisite: 270029 and teacher recommendation

270033 **FRENCH 5 HONORS** **1 CREDIT**

This course is an advanced study which emphasizes the development of reading and writing skills in the target language. Students will be exposed to a broad range of written and audio-visual texts.
Prerequisite: French 4 and teacher recommendation

270031 FRENCH 5 INTERNATIONAL BACCALAUREATE 1 CREDIT

This course further expands the skills previously learned in French 2 and follows the International Baccalaureate curriculum. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. International Baccalaureate test will be given at the end of the course.
Prerequisite: 270030 and teacher recommendation

270033aa FRENCH 6 HONORS 1 CREDIT

This course is an advanced study which emphasizes the development of reading and writing skills in the target language. Students will be exposed to a broad range of written and audio-visual texts.
Prerequisite: French 5 and teacher recommendation

270032 FRENCH 6 INTERNATIONAL BACCALAUREATE 1 CREDIT

This course further expands the skills previously learned in French 2 and follows the International Baccalaureate curriculum. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. International Baccalaureate test will be given at the end of the course.
Prerequisite: 270031 and teacher recommendation

270027aa FRENCH ADVANCED PLACEMENT RESEARCH AND DESIGN 1 CREDIT

French Research and Design is a companion course that reinforces the AP curriculum taught in French Advanced Placement classes. It allows time for the teaching of the extended curriculum and preparation for the AP examination. It provides time for translation, oral and written communication in the foreign language.
Special Note: Students enrolled in this class must also be enrolled in French 4 AP.
Prerequisites: French 1, French 2, and French 3

270043 GERMAN 1 1 CREDIT

This course introduces students to the German language and its culture. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding. **Prerequisite:** None

270043aa GERMAN 1 HONORS 1 CREDIT

This course introduces students to the German language and its culture in an advanced setting. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding. This is a rigorous course designed for motivated students. **Prerequisite:** None
Special Note: In order to receive an honors diploma, a student must take Level I and Level II of the same language

270044aa GERMAN 2 HONORS 1 CREDIT

This course is designed for the intellectually motivated students who are preparing for further study in German. Listening, reading, writing, speaking, and cultural competency are taught. Students are expected to demonstrate proficiency in all these areas. Class activities are designed to provide opportunities to practice and to acquire an extensive authentic vocabulary in a wide variety of real life situations.
Prerequisites: 270043 or 270043aa and teacher recommendation

270045 GERMAN 3 HONORS 1 CREDIT

This course further expands the skills previously learned in German 2/HR. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussion and study on all aspects of German culture. **Prerequisite:** 270044aa

270048 GERMAN 3 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

As determined by IB guidelines, this course develops comprehension of formal and informal spoken German; which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.
Prerequisite: 270044aa and teacher recommendation

270047 GERMAN 4 ADVANCED PLACEMENT (AP) 1 CREDIT

As determined by AP guidelines, this course develops comprehension of formal and informal spoken German; vocabulary and structure which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. The College Board test is given at the end of the course.
Prerequisite: 270045
Special Note: The Advanced Placement test must be taken as the end of course test to receive AP weight.

270049 GERMAN 4 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

As determined by IB guidelines, this course develops comprehension of formal and informal spoken German; which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.
Prerequisite: 270045 or 270047 and teacher recommendation

270050 GERMAN 5 HONORS 1 CREDIT

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.
Prerequisites: 270047 or 270052 and teacher recommendation

270050 GERMAN 5 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

As determined by IB guidelines, this course develops comprehension of formal and informal spoken German; which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.
Prerequisite: 270052 and teacher recommendation

270052 GERMAN 6 HONORS 1 CREDIT

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.
Prerequisites: German 5 and teacher recommendation

270051 GERMAN 6 INTERNATIONAL BACCALAUREATE 1 CREDIT

As determined by IB guidelines, this course develops comprehension of formal and informal spoken German; which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.
Prerequisite: 270050 and teacher recommendation

270047aa GERMAN ADVANCED PLACEMENT RESEARCH AND DESIGN 1 CREDIT

German Research and Design is a companion course that reinforces the AP curriculum taught in German Advanced Placement. It allows time for the teaching of the extended curriculum and preparation for the AP examination. It provides time for translation, oral and written communication in the foreign language.
Prerequisites: German 1, German 2, and German 3
Special Note: Students enrolled in this class must also be enrolled in German 4 AP

270111 LATIN 1 **1 CREDIT**

This course introduces fundamental Latin vocabulary, grammar, and classical culture. The course includes English derivations and vocabulary, basic grammatical structures, translations of short passages, classical heroes and legends, and selected aspects of Roman culture and history. **Prerequisite:** None

270112 LATIN 2 **1 CREDIT**

This course provides an intensive study of Latin language, Roman history, and culture. The course includes grammar and vocabulary for reading Latin authors. Reading is designed to increase understanding of sentence structure, English word-origin, and Roman history/culture. **Prerequisite:** LATIN 1

270113 LATIN 3 HONORS **1 CREDIT**

This course provides continued study of the Latin language, Roman history, and culture. The course includes review and expansion of Latin grammar; readings in prose; study of Roman civilization through its literature, emphasizing politics, history, and mythology; and intensive derivative study. **Prerequisite:** LATIN 1 AND 2 and teacher recommendation

270115 LATIN 4 HONORS/ADVANCED PLACEMENT (AP) **1 CREDIT**

Extensive grammar and vocabulary study; reading and analyzing primary and secondary prose and poetry sources including the history and culture of Rome during the Golden Age of Latin literature, the death of the Republic, and the formation of the Roman Empire; writing original Latin prose and poetry.

270123 RUSSIAN 1 **1 CREDIT**

Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Russian-speaking cultures.

270124 RUSSIAN 2 **1 CREDIT**

Listening and speaking skills including understanding and responding to directions, commands, and questions; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Russian-speaking cultures

270153aa SPANISH 1 **1 CREDIT**

This course introduces students to the Spanish language and its culture. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding. **Prerequisite:** None
Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

270153 SPANISH 1 HONORS **1 CREDIT**

This course is specifically designed for the academically gifted student who needs a more challenging foreign language course of study. The course develops in-depth listening, reading, speaking, and pronunciation skills.
Prerequisite: Teacher recommendation
Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

270153ad **SPANISH 1 IGGCSE: CAMBRIDGE HONORS** **1 CREDIT**

This course is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learners progress through their studies. The course also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of foreign languages.
Prerequisite: Acceptance into the Cambridge Program.

270154aa **SPANISH 2** **1 CREDIT**

This course reinforces the skills previously learned in Spanish I. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into Spanish customs, history, art, music, and literature.
Prerequisite: 270153aa or 270153ab and 270153ac

270154ac **SPANISH 2 HONORS** **1 CREDIT**

This course is specifically designed for the academically gifted student who needs a more challenging foreign language course of study. The course provides intensive study in language structures, supplementary reading, writing, and cultural understanding. **Prerequisite:** Spanish 1 and teacher recommendation

270154ad **SPANISH 2 IGCSE: SPANISH LITERATURE CAMBRIDGE HONORS** **1 CREDIT**

This course is designed for learners who are learning Spanish as a foreign language. The aim is to develop an ability to understand and respond to literary texts in different forms and from different periods and cultures; communicate an informed personal response appropriately and effectively; appreciate different ways in which writers achieve their effects; experience literature's contribution to aesthetic, imaginative, and intellectual; and explore the contribution of literature to an understanding of areas of human concern. The course also aims to offer insights into the culture and civilization of countries where the language is spoken, thus encouraging positive attitudes towards language learning and towards speakers of foreign languages. **Prerequisite:** Spanish 1 IGCSE Foreign Language

270155 **SPANISH 3 HONORS** **1 CREDIT**

This course further expands the skills previously learned in Spanish II. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussion and study on all aspects of Spanish culture. **Prerequisite:** 270154ac and teacher recommendation

270158 **SPANISH 4 HONORS/ADVANCED PLACEMENT LITERATURE** **1 CREDIT**

As determined by AP guidelines, this course develops comprehension of formal and informal spoken Spanish; which allow the reading of newspapers, magazines, and modern Spanish literature; expository composition skills; and accurate and fluent oral expression. College Board test will be given at the end of the course.
Prerequisite: 270161 and teacher recommendation
Special Note: The Advanced Placement test must be taken as the end of course test to receive AP weight.

270159 **SPANISH 4 INTERNATIONAL BACCALAUREATE (IB)** **1 CREDIT**

As determined by IB guidelines, this course develops comprehension of formal and informal spoken Spanish; which allow the reading of newspapers, magazines, and modern Spanish literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.
Prerequisite: SPANISH 3 and teacher recommendation

270156aa **SPANISH 4 DUAL ENROLLMENT** **1 CREDIT**

This dual enrollment (de) course develops comprehension of formal and informal spoken Spanish; vocabulary and structure which allow the reading of newspapers, magazines, and modern Spanish literature; expository composition skills; and accurate and fluent oral expression. **Prerequisite:** SPANISH 3 HONORS

270160 **SPANISH 5 HONORS** **1 CREDIT**

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.
Prerequisites: Spanish 4 Honors or IB and teacher recommendation

270161 **SPANISH 6 HONORS** **1 CREDIT**

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.
Prerequisites: 270160 and teacher recommendation

270157aa **SPANISH ADVANCED PLACEMENT RESEARCH AND DESIGN** **1 CREDIT**

Spanish Research and Design is a companion course that reinforces the AP curriculum taught in Spanish Advanced Placement classes. It allows time for the teaching of the extended curriculum and preparation for the AP examination. It provides time for translation, oral and written communication in the foreign language.
Special Note: Students enrolled in this class must also be enrolled in Spanish 4 AP
Prerequisites: Spanish 1, Spanish 2, and Spanish 3

Acknowledgements

EDUCATIONAL PLANNING GUIDE COMMITTEE

Dr. Kimberly Walker
Dr. Monica Motley
Mrs. Cheryl Robinson-Sutton
Mrs. Helen Miles
Mr. Terrance Mixon
Ms. Michele McClung
Mr. Curtess Belson
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Mrs. Juanita Veal
Mrs. Nancy Prine

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GRAFIX STUDIO
Ms. Cynthia Corral, Teacher
Mr. William White, Principal
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Mr. Larry Mouton, Assistant Superintendent
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Mobile County Public Schools