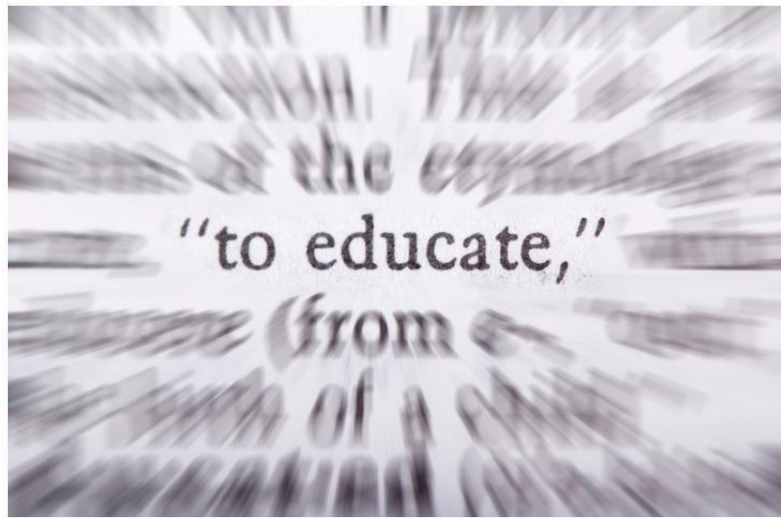


Educational Planning Guide for High School Students

Twentieth Edition: 2016-17



Mobile County
PUBLIC SCHOOLS



Mobile County Public School System
1 Magnum Pass
P.O. Box 180069
Mobile, Alabama 36618

Educational Planning Guide for High School Students

Twentieth Edition: 2016-2017

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**Every Child a Graduate – Every Graduate Prepared for
College/Work/Adulthood in the 21st Century**

PLAN 2020 is the strategic plan for education in Alabama with a goal to prepare all students to be successful in college and/or career upon graduation from high school. PLAN 2020 will improve student growth and achievement, close the achievement gap, increase graduation rate, increase the number of students graduating high school who are college and career ready and prepared to be successful in our global society.

Alabama's 2020 Learners:

• **Objectives**

1. All students perform at or above proficiency and show continuous improvement.
2. All students succeed.
3. Every student graduates from high school.
4. Every student graduates high school prepared.

• **Indicators**

1. Increase the 4-year Cohort (on-time) Graduation rate.
2. Increase the number of students who are college and career-ready as measured by receiving an Industry Credential upon graduation.
3. Increase the number of students who are college and career-ready as measured by receiving at least one of the following:
 - Benchmark score on any section of the ACT test.
 - Qualifying score on the AP or IB exam.
 - Approved college or postsecondary credit while in high school.
 - Benchmark level on the ACT WorkKeys.
 - Approved industry credential.
 - Accepted for enlistment into the Military.
4. Reduce the number of students requiring remedial courses in reading and/or mathematics in two- and four-year colleges.
5. Improve the percentage of students performing at or above proficiency in reading and mathematics.

Alabama's 2020 Support Systems:

• **Objectives**

1. All students will attend school daily and be engaged in rigorous and relevant learning environments.
2. All students will develop a sense of personal and civic responsibility to ensure a learning environment that is safe and civil.
3. All students will be provided with individual and group school guidance and counseling services.
4. All students will enter 9th grade prepared with a 4-year plan that addresses their individual academic and career interest needs.
5. All students will be provided with healthy meals, physical education, and health instruction supported with needed medical and related services.

• **Indicators**

1. Reduce the number of unexcused absences.
2. Reduce the number of disciplinary infractions.
3. Reduce the number of 9th grade failures.

Student's Name (Please Print)

Grade

PARENT/GUARDIAN AND STUDENT ACKNOWLEDGEMENT

This guide has been developed to assist your son/daughter to gain the greatest possible benefit from the instructional program and has been designed to help him/her meet the Alabama State Department Education graduation requirements. These guidelines are to be followed by all students in the public school system.

The school system needs your help and cooperation. When you have read and discussed the information with your son/daughter, it is requested that you sign this form, tear it out of the guide and return it to the school. This form will be kept in your son/daughter's cumulative folder.

Parent or guardians have the responsibility for the actions of their children and should be involved in the education of their children. With the graduation requirements, it is even more important that parents become more actively involved and play a major role to insure that their son/daughter is successful.

Each student will sign a list at the school acknowledging receipt of a copy of the Educational Planning guide, Twentieth Edition: 2016-17.

FAILURE TO RETURN THIS ACKNOWLEDGEMENT WILL NOT RELIEVE STUDENTS, PARENTS OR GUARDIANS FROM RESPONSIBILITY TO KNOW THE CONTENTS OF THE EDUCATIONAL PLANNING GUIDE ESPECIALLY ANY SECTION IN REGARDS TO GRADUATION REQUIREMENTS AND PARTICIPATION IN SENIOR ACTIVITIES.

Parent/Guardian Signature

Date

Parent/Guardian Signature

Date

Student Signature

Date

MESSAGE TO PARENTS AND STUDENTS

The Mobile County Public School System is committed to excellence in education. This is evidenced through its extensive program offerings and the following goals for the instructional program:

- Increase Student Achievement and Student Success
- Develop and Implement of Academics of Each High School
- Provide Multiple Pathways to Graduation
- Increased Graduation Rate
- Infuse Technology into the Curriculum
- Promote a Safe and Secure Environment
- Build and Improve Facilities which Support Learning
- Provide Adequate Financing to Support Student Achievement

Parents who have concerns or problems or who wish to make suggestions should contact the teacher(s), guidance counselor, or local school administration prior to requesting assistance from the district office. This will facilitate a timely response.

WHAT IS THE PURPOSE OF THE EDUCATIONAL PLANNING GUIDE?

The guide is a method of providing information to parents and students and is designed to outline requirements for graduation and the course options for satisfying those requirements. The guide also, provides various needed and important information for parents and students to optimize the high school years.

WHAT IS INCLUDED IN THIS BOOK?

The educational planning guide includes information covering topics from registration to graduation. The guide begins with general information on specific topics. It also gives concise descriptions of high school course offerings. The guide provides information regarding the academies developed in each high school. Other pertinent information regarding the transition to and continued success are provided. A Parent/Guardian and Student Acknowledgement form (page 2) is provided and needs to be returned as receipt of this guide.

HOW CAN STUDENTS USE THE GUIDE?

The Educational Planning Guide is designed to help students get the most out of their high school experience. With the help of parents and others who can provide counseling, guidance, and assistance, students are encouraged to use the guide effectively by following these suggestions:

- Study the course prerequisites and recommendations.
- Develop a personal four-year/six-year educational plan.
- Study general information to become familiar with terms, procedures, and policies.
- Identify elective courses needed for chosen career plans.
- Check off courses on your four-year/six-year plan after completion of each course.

ACADEMICS FIRST AND ATHLETIC ELIGIBILITY
FROM ALABAMA HIGH SCHOOL ATHLETIC ASSOCIATION HANDBOOK

Requirements

- (a) Students entering the 10th and 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.
 - (1) Four core curriculum courses must be included in those units passes and averaged. (English, mathematics, science and social studies are core curriculum courses. Any combination of these courses is acceptable.)
 - (2) Any student that 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.
- (b) 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.

Students entering the 7th grade for the first time are eligible.

- (c) Students in high school must complete a STAR Sportsmanship online interactive course one time during their high school careers. Middle/Junior high school students must take the Advanced Middle/Junior High STAR component. Students taking The Advanced Middle/Junior High component will not have to take another component in high school. A certificate of completion must be kept on file in the school principal's office along with other eligibility items. Cheerleaders must also complete the course one time during their high school years.

Guidelines

- (1) Eligibility may be determined before the start of each new school year or at the beginning of the second semester. A student that is academically eligible at the beginning of the school year remains eligible for the remainder of that school year so far as grades are concerned. A student that regains eligibility at the beginning of the second semester remains eligible for the remainder of the second semester so far as grades are concerned.
- (2) Students declared ineligible at the beginning of a school year may regain their eligibility at the end of the first semester (or trimester) by meeting the academic requirements listed above during their last two semesters (three trimesters or 2 trimesters and one semester) in attendance and summer school, if applicable. The regained eligibility of any student may be determined any time after the end of the first semester (or trimester), but all course requirements used to determine the eligibility must be completed no later than the fifth day of second semester (or second trimester). A student that regains eligibility at the end of the first trimester may not participate in interscholastic athletics until 88 days of the school year have been completed.
- (3) Only one unit (school subject) of physical education per year may be counted.
- (4) A maximum of two units (or subjects) earned in an approved summer school may be counted. If a unit (or subject) is repeated in summer school, the higher numerical grade for that unit (or subject) may be used to compute the composite grade average.
- (5) An accredited correspondence course may be accepted by a school system but must be completed and grades posted to transcript before Sept. 1 and may be one of the maximum two summer units counted for eligibility purposes.
- (6) Units earned through Credit Recovery may also be among the maximum two summer units counted and must be completed before Sept. 1. If Credit Recovery is used to make up Carnegie units, those units can only be accepted if they are earned through a State Department of Education-approved program.

- (7) For eligibility purposes, special recitation, extra work, make-up work, tests, review, etc., may not be given for the purpose of making a student eligible.
- (8) To be eligible, all students (including repeaters and hold-backs) must be enrolled in a specified number of new units at the school they represent.
 - (a) 9th, 10th, and 11th graders must be carrying at least six new units (three per semester on a 4x4 block schedule).
 - (b) 12th graders that are on track for graduation with more than the required number of units earned must be carrying at least four new units for the school year (two units per semester on a 4x4 block schedule).
 - (c) 7th and 8th graders must be carrying at least five new subjects.
- (9) The eligibility of a student that has attended another school during the preceding year must be established by a transcript from that school before the student is permitted to participate at the new school.

(from AHSAA Handbook)

EXTRACURRICULAR ACTIVITY PARTICIPATION (Academic Rule)

For purposes of definition, athletic events are defined as those recognized and sanctioned by the Alabama High School Athletic Association. Other extracurricular activities are defined as those that are sanctioned by a public school, which are not related to a student's academic requirements or success in a course(s). Regular curricular activities are defined as those that are required for satisfactory course completion. School sponsors are required to submit a request for extracurricular activity that occurs outside the regular school day and/or school to the principal, superintendent, and the local Board of Education for approval. Each request for full participation by all students regardless of academic standing in a curricular activity shall be granted if the principal, superintendent, and the local Board of Education approve it as an extension of a course(s) requirement(s) and it is a sanctioned event by a state/national subject matter association. Student participation in extracurricular activities through math, science, band, choral music, and other courses offered by the school at events such as athletic events (pre-game, game, halftime, or other breaks), club conventions, Christmas parades, amusement park trips and competitions, trips by tour companies, performances at various meetings, etc., are extracurricular, and students academically ineligible under this policy shall not be allowed to participate.

If a performance is included as part of the curriculum the student must meet Academics First Regulations in order to perform. Students who fail to meet eligibility requirements may be required to complete additional assignments in lieu of performance requirements to receive credit.

This policy is effective for all students in Grades 8-12 beginning with the 1999-2000 school year. The local Board of Education shall implement this policy as a minimum for all students in Grades 7-12 under its control.

A. Definitions

1. Extracurricular activities associated with athletics are defined as those recognized and sanctioned by the Alabama High School Athletic Association, and other extracurricular activities are defined as those that are sanctioned by a public school, which are not related to a student's academic requirements or success in a course(s).
2. Regular curricular activities are defined as those that are required for satisfactory course completion.

B. Eligibility Requirements

1. Students entering grades 10-12 must, for the last two semesters of attendance and summer school, if applicable, have a passing grade and earn the appropriate number of credits in each of six (6) Carnegie units of credit, including four (4) credits from the four (4) core subjects composed of English, Science, Social Studies and Mathematics with a composite numerical average of 70. Students entering Grades 8 and 9 must, for the last two semesters of attendance and summer school, if applicable, have a passing grade in five (5) subjects with a composite numerical average of 70 with all other rules applying the same as to students in

Grades 9-12. Students promoted to the seventh grade for the first time are eligible. A semester is defined as ½ of a school year as defined by the Board’s adopted school year calendar.

2. Physical education may count as only one (1) unit per year.
3. No more than two (2) Carnegie units may be earned during summer school. If a unit(s) or subject(s) is repeated in summer school, the higher numerical grade for the unit(s) or subject(s) may be used to compute the composite grade average.

ACCESS VIRTUAL LEARNING

ACCESS Virtual Learning (Alabama Connecting Classrooms, Educators, and Students Statewide) is an education initiative of the 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..>

Teachers, local school counselors, local school administrators, and central office administrators have engaged in in-service training. 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.

More information regarding distance learning courses offering can be obtained from the local school counselors.

Enrollment in a distance learning course is a privilege not an obligation. Certain procedures, policies and rules apply taking a course through Web-Based (On-line) Courses or Interactive Videoconferencing (IVC) Courses. The following information outline the procedures, policies, and rules that must be followed.

The **Policies for Students** with regard to the ACCESS Distance Learning program are outlined as follows (taken from the published ACCESS Distance Learning Policy Manual):

- **Characteristics of Students** – Generally student adapt rapidly to the distance learning format. More successful Web-based learners are those who are independent learners, computer literate, and effective written and open communicators. Student should also be interested in the concept of on-line learning and be willing to ask for help and share problems and/or concerns with others.
- **Code of Conduct** – Students will be responsible for their own behavior, will properly handle and use all classroom equipment, and will show respect for others in the classroom. Students must adhere to the Mobile County Public School System Code of Conduct. Students will be responsible for all homework, assignments, projects, and assessments on time. Students must follow all rules established by the school and delivery teacher. Students must adhere to zero tolerance for academic dishonesty. The administrators have the rights and responsibility to discipline offenders of misconduct.
- **Transfer Credit** – Grade for students taking an ACCESS Course will be transferred in the same manner as those for any other course taken at the local school level.

- **Exam Exemption** – Students taking ACCESS Distance Learning courses will follow the semester/final exam exemption policies of their home schools.
- **Etiquette/Acceptable Use Policy (AUP)** – Internet access is required for students enrolled in ACCESS Distance Learning courses taught by both Web-based and interactive videoconferencing methods. The Internet and other on-line resources provided by ACCESS Distance Learning are intended to be used to support the instructional program and further student learning. ACCESS retains the right to monitor all computer usage and files for compliance with regulations and/or procedures.

On-line learning resources, including the Internet, are to be used in a responsible, efficient, ethical, and legal manner in accordance with the mission of ACCESS Distance Learning. ACCESS cannot guarantee the accuracy of the information or the appropriateness of any material on the Internet. Therefore, a signed, local AUP must be on file with the local school. This agreement must be signed by both the student and his/her parent/guardian, shall specify user (student) responsibilities, and shall indemnify the local school and the ACCESS program from any damages. By signing, the parent/guardian understands that ACCESS Distance learning is not responsible for materials acquired by the student on the Internet, for violations of copyright, users' mistakes or negligence, or any cost incurred by the user.

The use of email is essential for communication between teachers and students. Students must use computers appropriately, agree to all rules of etiquette established by ACCESS, and sign a statement acknowledging their understanding and acceptance of these rules. These rules will include the following:

- Students will use ACCESS Distance Learning and its resources only for purposes related to education. Commercial, political, and/or personal use unrelated to an educational purpose is strictly prohibited.
- Students will use computers with consideration and respect. They are prohibited from accessing, posting, submitting, publishing, or displaying harmful matter or material that is obscene, threatening, disruptive, or sexually explicit; that could be construed as harassment, disparagement, or cyber bullying of others (based on their race, national origin, sexual orientation, age, disability, religion or political beliefs); or that is intended to annoy, harass, or intimidate another person.
- Vandalism will result in the cancellation of user privileges. Vandalism includes the intentional uploading, downloading, or creating of computer viruses and/or any malicious attempt to harm or destroy materials, data, or equipment.
- Students will give credit to others whose work is used. Neither Internet content nor the work of on-line classmates will be cut, copied, or plagiarized. Students will abide by all copyright rules and regulations.
- Students will consider the social consequences of work completed and any programs written in conjunction with classroom assignments.
- Students will communicate via email cautiously and with discretion. ACCESS Distance Learning reserves the right to monitor any on-line communication(s) for improper use. Electronic communications and downloaded materials, including files deleted from a user's account, may be monitored or read by ACCESS official or their designee. Student responsibility include, but are not limited to, the following:
 - Refrain from including information in email messages that is not appropriate for printing or discussion in a public setting. Privacy cannot be assured in email communications.
 - Send no unsolicited email to distance learning classmates. All email communication among classmates should be course related.
 - Protect the confidentiality of other users' mail or files. Students will not read the mail or files of others and shall not attempt to interfere with another user's ability to send or receive electronic mail, nor shall they attempt to delete, copy, modify, or forge the mail of others.
 - Keep personal account numbers, home addresses, and telephone numbers private.

- Protect and keep secret passwords issued for course access.
- Report any communications that are inappropriate or which make them feel uncomfortable to the classroom teacher, facilitator, or other local school officials. Students should exercise caution in supplying information requested in email communications, especially when such emails are from adults who ask for personal information, attempt to schedule meetings, or encourage personal contact.

Students will accept responsibility for any charges incurred for phone usage, line costs, or usage fees incurred as a result of using the Internet for any purpose other than that required as a part of the course take. ACCESS will assume no responsibility for such charges.

The use of ACCESS Distance Learning resources is a privilege, not a right and inappropriate use may result in cancellation of those privileges. Students who fail to abide by ACCESS Distance Learning policies shall be subject to disciplinary action, revocation of the user account, and legal action as deemed appropriate.

Students will abide by all local, state, and federal laws and policies related to Internet usages. ACCESS administrators will cooperate fully with local, state, and federal officials in the investigation of illegal activities conducted through the use of the Internet.

Students suspected of violating the Netiquette/Acceptable Use Policy will be notified of the suspected violation and given an opportunity to respond. If violations are confirmed, students can be removed from the course, assigned a failing grade, and subject to other disciplinary and/or legal consequences as determined by local, state, and federal authorities.

- **Drop Policy** – Students may drop a course within the timeline established by the State Department of Education (SDE) without penalty, unless local school policy establishes an earlier date. Students dropping a course after the date established by the SDE will be assigned zeros for all graded assignment not submitted. Any zero awarded will be used in calculating a student’s final average.
- **Rights to Privacy** – Students will be provided a unique password that provides access to their online courses. Protecting the confidentiality of the password is the responsibility of the student.

ACCESS will not publish or display the names of students, their images, or their coursework on its Web site, in videos, or publications without the consent of the students and their parents/guardians.

In accordance with the Family Educational Rights and Privacy Act (FERPA), ACCESS will allow access to student records only to those authorized. These include State Department of Education staff, school system and local school professional staff (principal or designee, teacher, facilitator, counselor), support center administrative staff, and others with a legitimate educational or legal interest in student records.

- **Grades** – Official numerical grades will be provided to the student’s school for placement on official school records and distribution to students and to parents/guardians in accordance with local policies. Grades will be issued for regularly scheduled progress reports and upon the completion of a course. Honor points, weighting, and other special considerations will be made, when appropriate, at the discretion of the local school administration.
- **Academic Integrity** – ACCESS Distance Learning students must sign a commitment form attesting to academic integrity regarding each of the following topics. If a student fails to abide by these policies, the student may be removed from the course with a failing grade and will be subject to other consequences as determined by ACCESS and local school administration.
 - All work must be completed by the student alone.
 - Any collaboration among students must be pre-approved by the teacher.
 - Plagiarism will not be allowed in any form. This will include copying or using the ideas or words of others and presenting them as one’s own.
 - Students will not allow others to copy their work.
 - Content from the Internet will not be misused or misrepresented.

ATTENDANCE POLICY

RESPONSIBILITY OF PARENT – Grades 9-12

- 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 (3) days* of the student's return to school to be counted as an excused absence.
- C. On the fifth unexcused absence, a referral will be made to the Early Warning Truancy Program. Attendance at the Early Warning Truancy Program shall be mandatory except where prior arrangements have been made or an emergency exists.
- 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 (2) 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 school year. Even though student may have 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 over age seventeen (17) who accumulate more than ten (10) consecutive or fifteen (15) days total unexcused absences during a single term may be withdrawn from school. Parents will be notified of pending withdrawal and given one (1) week to appear before the principal or attendance officer to show cause as to why the student should not be withdrawn from school.

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 (15th) 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 students 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.

HEADLICE

Students are allowed three (3) excused absences for each occurrence of headlice.

HIGH SCHOOL CREDIT RESTRICTED ON THE BASIS OF EXCESSIVE, UNEXCUSED ABSENCES FROM CLASS

- A. Students are responsible for reporting to school and to each class in accordance with their approved schedules.
- B. Teachers shall be responsible for checking the rolls daily in their assigned classes and properly recording the student's attendance.
- C. 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.
- D. The principal shall notify teachers in advance about students who will be attending approved activities and who will be counted present.
- E. **A student absent from class more than four (4) unexcused days for any full credit course per term or two (2) unexcused days for any half credit course per term shall not receive credit for the course, unless otherwise approved by the principal. Four (4) tardies to the same class shall constitute one (1) absence for said class. For each course that credit is not awarded based on attendance issues, the designation of "500" will appear on the report card. A student must clear a non-credit (NC)/500s by the end of the following semester. If a student fails to clear the NC within the time period, the NC will be changed to an "E" and computed in the GPA as a failure. First semester NC must be completed by the end of the year and second semester by the end of the following semester. The "500" code will be used in INOW to designate a NC.**
- F. In cases of prolonged absence due to illness, the parent or guardian should seek assistance from the Homebound Program or make other reasonable arrangements with the principal of the school. **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 counselor and/or school nurse) { See Student Support Services Handbook – Planned Medical Leave Contract is available.}**
- G. The principal or his 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.
- H. The principal shall notify the parent or guardian of the student's attendance record after the first (1st) day of unexcused absence per term for any full credit course and after the first (1st) day of unexcused absence per term for any half credit course. This should be documented and kept on file for future reference.
- I. On the fifth (5th) day of unexcused absence per term for any full credit course or on the third (3rd) day of unexcused absence per term for any half credit course per term, the principal shall notify the parent or guardian of the student's loss of credit because of excessive absences and his/her right to bring evidence as to why credit should not be denied. This notification shall be in writing, by U.S. Mail, and shall provide an opportunity for a conference as well as information regarding the parent's right to an appeal to the Superintendent, provided this cannot be settled in the conference.
- J. In cases where extreme emergencies exist and can be verified, the principal may extend the maximum number of unexcused absences per term that a student may accumulate before credit is withheld.

- K. The principal is encouraged to establish an alternative plan by which students may redeem their credits.
- L. The parent or guardian may appeal a decision to withhold credit for any individual student based upon excessive unexcused absences to the Superintendent by writing the Division of Student Support Services, setting forth the reasons for the absences and attaching any supporting documentation. The appeal is to be considered by a three member panel consisting of an Attendance Supervisor or Attendance Officer, a representative of the Division of Curriculum and Instruction, and the Executive Director of the Division of Student Support Services or her/his designee. The Committee can exercise one of the following:
 - 1. Uphold the principal's decision and withhold credit.
 - 2. Reject the principal's decision and award credit.
 - 3. Approve or revise the principal's offer of a Contingency Plan.
- M. The principal shall develop and implement local school procedures necessary for the proper implementation of these procedures. Each teacher shall be provided a copy of the local school procedure. Included in these procedures will be written notification to parents outlining their right of appeal.

AUTHORIZATION GRADE CORRECTION / ATTENDANCE

Guidelines

1. Principals are responsible for the management and the integrity of the school grading process and transcripts by acting only in an oversight capacity, not as the change agent.
2. Principals are to ensure that access to the grade correction program is limited to the following personnel as the only staff members authorized to manually make grade corrections:
 - One designated counselor
 - Registrar
3. Principals will submit in writing to the Chief Academic Officer of Academic Affairs and Secondary Coordinator of Curriculum and Instruction the names of the counselor and registrar who have been given access to the grade correction program.
4. Grade corrections may occur for the following reasons:
 - Teacher Error
 - Incomplete projects/assignments
 - Failure to take semester exam/EQT
 - Excessive absences
5. If the grade correction is due to excessive absences, the Attendance Contract part of the Grade Correction/Attendance Contract Form must be completed during a conference with the student, parent, teacher, and principal or assistant principal.
6. The Grade Correction Procedure must be completed by the teacher no later than **three weeks from the last day of the grading period**. Only **teachers** may complete and submit to the registrar the Grade Correction/Attendance Contract Form.
7. Any grade correction requires the completion of the MCPSS Grade Correction/Attendance Contract Form. **Any unsigned form will not be processed.**
8. The Grade Correction/Attendance Contract Form must be returned to the registrar.
9. Grade Recovery and Grade Correction are two different procedures in the Mobile County Public School System.

Procedures

1. The registrar/designated counselor verifies the Grade Correction/Attendance Contract Form is completed and signed.
2. The registrar/designated counselor Completes the grade correction in I-Now.
3. The registrar/designated counselor makes a copy of the Grade Correction/Attendance Contract Form and places it in the student's cumulative folder with the updated transcript attached.
4. The registrar/designated counselor place 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.
5. The registrar/designated counselor will give a copy of the updated transcript to the grade level counselor.
6. The registrar/designated counselor will maintain a notebook of all grade corrections with accompanying documentation made during the quarter.

PROTOCOL FOR ATTENDANCE CONTRACT PORTION OF THE GRADE CORRECTION PROCEDURES

Listed below is the Attendance Policy for the Mobile County Public School System:

A student absent from class more than four (4) unexcused days for any full credit course per term or two (2) unexcused days from any half credit course per term shall not receive credit for the course, unless otherwise approved by the principal. Four (4) tardies to same class shall constitute one (1) absence for said class.

As stated in the above attendance policy, principals have the discretion to clear non-credits (NC) received in courses for excessive absences. In order to clear an NC, the principal/designee should observe the following steps:

1. Direct teachers to generate a list of students with five or more unexcused absences and their final numerical average (see attached form).
2. Direct teachers to indicate 500 for final grade instead of a numerical grade in STI Manual Grade Entry.
3. Conduct Conference with student to complete Section A and C of the Grade Correction/Attendance Contract Form.
4. Complete Section B of Grade Correction/Attendance Contract Form after the student has finished his/her contractual obligations.
5. Give the completed Grade Correction/Attendance Contract Form to the designated counselor or registrar who will then follow the grade correction procedures.

(SEE FOLLOWING PAGE FOR GRADE CORRECTION/ATTENDANCE CONTRACT FORM)

Mobile County Public School System
Grade Correction / Attendance Contract Form

Student Name _____ Student Number _____

Course Name _____ Teacher _____

Grade change requested for:

Term 1 2 Final 3 4 Final (Circle Appropriate) School Year _____

Request for grade correction due to following:

- _____ Teacher error
- _____ Incomplete projects/assignments
- _____ Failure to take semester exam/EQT
- _____ Excessive absences (Non-Credit)

SECTION B

GRADE CORRECTION AUTHORIZATION

Please change the grade assigned to _____ for the course/term/school year indicated above from _____ to _____. If applicable: _____ Quarter Grade _____ resulting in a final grade of _____. I certify that I was the teacher for this indicated course and that this student was scheduled for this course during the indicated time period.

(Teacher Signature) (Date)

(Curriculum Assistant Principal Signature) (Date)

I have reviewed and concur with the Grade Correction Request: _____
(Principal) (Date)

SECTION C

ATTENDANCE CONTRACT

I understand that all class obligations must be completed before the awarding of credit will be authorized. It is my responsibility, as the student, to complete the required number of hours by the deadline of _____.

Student Signature Parent Signature (Optional)

Grade Level Counselor Signature

CAREER PORTFOLIO REQUIREMENT

Board Approved 5/29/2013

Beginning in the 2013 – 2014 school year, MCPSS seniors will be required to complete a career portfolio to meet graduation requirements. 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.

CONTINUOUS ATTENDANCE FOR GRADUATION

Except in case of bona fide 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/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)

CREDIT AWARDED PRIOR TO GRADE 9

Beginning with the 1997-98 school year, students may earn high school credit for the following courses taken prior to Grade 9: Algebra 1 and Foreign Language; and in some approved schools Geometry and Biology 1. These courses/grades do count in calculating rank and GPA. (Exception: A student may only earn 1 math credit in middle school). The general "Rule of Thumb" on courses taken and credits earned prior to ninth grade is as follows:

1. The course must be taken in the eighth grade.
2. The course must follow the Course of Study guidelines, be of high school content and rigor, and be taught by certified/highly qualified teachers.

3. The course cannot supersede required courses (i.e. 8th grade English cannot be substituted for high school English; 8th grade Physical Education cannot be substituted for the required unit of high school Physical Education, etc.).
4. Middle school students earning high school credits from non-accredited settings shall follow the same guidelines as high school students attempting to transfer courses. (see page 54-57) Validation is required.
5. **Middle School students earning high school credit for Algebra 1 HR and/or Biology 1 HR will receive the credit. However, they must earn a minimum of four (4) 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.**

CREDIT RECOVERY PROGRAM*

21st CENTURY SECONDARY INITIATIVE

Board Approved 01/19/2009

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. GradPoint (beginning SY 2012 – 2013) will be utilized for Credit Recovery in the Mobile County Public School System.

1. Student Eligibility Admission and Removal

- A. Student must be a repeating 9th, 10th, or 11th grader or in grade 12.
- B. Student must be recommended by principal/counselor.
- C. Student must be working toward the Mobile County Public School System Diploma Option.
- D. Student is eligible for credit recovery if the final grade in the course is between 45% - 59%.
- E. If the final grade earned in a course required for graduation is between 0% - 44%, the student must repeat the course.
- F. Students may be removed from the Credit Recovery at the discretion of the administrator for circumstances involving serious or repeated unacceptable behavior, failure to adhere to program attendance requirements, or failure to make adequate progress toward meeting remediation requirements.
- G. Credit Recovery 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 will be served by the Credit Recovery Program.

2. Instruction

- A. The Credit Recovery will utilize *GradPoint* as the system approved computer assisted learning program.
- B. Program Facilitators (HQT Teachers) will participate in Professional Development training provided by *GradPoint*.
- C. Facilitators will be certified in assigned content area and highly qualified in at least one of the specific subjects within the content area.
- D. A diagnostic assessment will be administered through *GradPoint* for each course targeted for Credit Recovery.
- E. The instructional lesson paths developed from the diagnostic assessments will target only those skills listed as deficient or skill specific goals.
- F. An end-of-course assessment will be required.

3. Content and Curriculum

- A. Instruction will be delivered through a combination of computer-assisted instruction and targeted small group instruction supervised and managed by a certified and high qualified teacher.
- B. An individual prescription will be developed based on skill-specific diagnostic tools which are offered by the computer-based program.
- C. Students may attempt to recover multiple credits, but one credit must be completed before attempting the next.

D. Credit Recovery curriculum is aligned with Alabama academic content standards approved by the State Board of Education.

4. Grades

- A. A minimum grade of 70% on the module post tests on skill specific goals is required for recovery of the credit.
- B. Students who complete their credit recovery course work and achieve a grade of “C” (70) for the course will have the credit recorded in their transcript files under “Term 5.”
- C. The original course grade will remain in students’ transcript files.

5. Credits

Credit Recovery courses in which students are enrolled will be included in calculating the total credits and GPA for the school year.

ELECTIVE COURSES FOR CREDIT RECOVERY PROGRAM

Strategies for Academic Success (CR) will be the designated courses to allow the scheduling of students through Credit Recovery.

<u>Valid Course Number</u>	<u>Long Course Name</u>	<u>Short Course Name</u>	<u>Credit</u>
802111	Strat for Acad Success 5NC	Stra5NC	0.0
802111aa	Strat for Acad Success 5NCSB	Stra5NCSB	0.0
802111ab	Strat for Acad Success 6NC	Stra6NC	0.0
802111ac	Strat for Acad Success 6NCSB	Stra6NCSB	0.0
802111ad	Strat for Acad 7NC	Stra7NC	0.0
802111ae	Strat for Acad 7NCSB	Stra7NCSB	0.0

COURSES CURRENTLY AVAILABLE FOR CREDIT RECOVERY

English

- English 9
- English 10
- English 11
- English 12

Science

- Biology
- Physical Science
- Environmental Science
- Earth/Space Science

Mathematics

- Algebra 1
- Geometry
- Algebra 2

Social Studies

- World History 9
- US History 10
- US History 11
- United States Government
- Economics

No Honors, AP, or IB courses may be taken through Credit Recovery.

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.)

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.

ONLINE COURSES

- Written approval must be given by both the principal and superintendent or designee before the on-line course is begun.
- 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 guidance services supervisor (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. The principal should forward the request to the guidance services supervisor.

DIPLOMA REQUIREMENTS

(ALABAMA STATE DEPARTMENT OF EDUCATION)

Beginning Freshmen 2012-2013

ALABAMA HIGH SCHOOL DIPLOMA

This diploma type includes multiple endorsement options. Each endorsement has specific requirements that must be met. The recipient of this diploma must meet the following requirements:

- 28 units of credit in grades 9-12 and in certain courses in grade 8, as required by the Alabama State Board of Education and the Mobile County Board of School Commissioners, including 18½ units of specifically required credit.
- 9½ units of elective credit.
- 4 units of credit in English instruction.
- 4 units of credit in Mathematics to include Algebra I, Geometry, and Algebra II or Algebra II with Trigonometry, and 1 (one) Mathematics elective.
- 4 units of credit in Social Studies to include World History, U.S. History – Beginning to Industrial Revolution , U.S. History – Industrial Revolution to Present, U.S. Government, and Economics.
- 4 units of credit in Science to include Biology, Physical Science, and 2 (two) Science electives.
- 1 unit of credit in LIFE.
- ½ unit of credit in Health Education.
- ½ unit of credit in Fine Arts.
- ½ unit of credit in Computer Applications.

ALABAMA OCCUPATIONAL DIPLOMA

- 4 units of credit in English Essential of Life Skills English.
- 4 units of credit Mathematics. 2 units of Algebraic Essentials or Essential Mathematics and 2 units in Geometry Essentials or Life Skill Algebraic Explorations.
- 4 units of credit in Social Studies to include Life Skills World History, Life Skills II U.S. History to 1877 or U.S. History for Living 10, Life Skills III U.S. History to Present or U.S. History for Living 11, Life Skills IV U.S. Gov/Econ or Gov/Econ for Living.
- 4 units of credit in Science to include Life Skills I Biology of Life Skills Science I, Life Skills II Physical Science or Life Skills Science II, Life Skills Earth Space Science or Life Skills Science III, Life Skills IV Science.
- 1 unit of credit in L.I.F.E.
- ½ unit of credit in Health Education.
- ½ unit of credit in Fine Arts.
- 2 units of credit in Career Tech.
- 1 unit of Workforce Essentials or Transition Services II.
- 1 unit of Coordinated Studies.
- 2 units of elective credit.

Students with disabilities in the 2010-2011 cohort or later who meet all the requirement for an Alabama Occupational Diploma should be awarded the Alabama High School Diploma.

ENDORSEMENTS

Students must meet the above diploma requirement PLUS the specific endorsement requirements as follows:

Advanced Honors Endorsement

- Student must pass core requirements at HR, AP, DE, or IB level.
- Student must pass 4 years of English instruction at HR, AP, De, or IB level.
- Student must pass Algebra 1 and Geometry as one-semester courses.
- Student must pass HR Algebra 2/Trigonometry and one other HR mathematics elective.
- Student must pass HR Biology, CP Chemistry 1, CP or AP Physics, and one other upper level Science elective.
- Student pass 4 units of social studies credit at HR, AP, DP or IP level.
- Student must pass 2 Credits in same Foreign Language.
- Student must pass class with online experience.
- Student must earn minimum of 30 Total Credits.
- Student must maintain 3.5 GPA, have acceptable attendance, and acceptable conduct record.

Advanced Academic Endorsement

- Student must pass all standard coursework.
- Student must pass Algebra 1 and Geometry as one – semester courses.
- Student must pass HR Algebra 2 / Trigonometry, and one (1) other Mathematics Elective.
- Student must pass 2 credits in same Foreign Language.
- Student must pass class with online experience.

No Endorsement

- Student must pass all standard coursework.
- Student can pass Algebra 1 (could be 1A/1B), Geometry, Algebra II or Algebra II with Trigonometry, and 1 (one) Mathematics elective.
- Student must pass class with online experience.

Advanced Career Technical Endorsement

- Student must pass all standard coursework.
- Student must pass Algebra 1 and Geometry as one – semester courses.
- Student must pass HR Algebra 2 / Trigonometry, and one (1) other Mathematics Elective..
- Student must pass 2 credits in same Foreign Language.
- Student must pass 3 Career Technical Courses in a sequenced cluster (or 2 Career Technical courses and one other course related to students career choice).
- Student must pass class with online experience.

Career Technical Endorsement

- Student must pass all standard coursework.
- Student must pass Algebra 1, Geometry, Algebra II or Algebra II with Trigonometry, and 1 (one) Mathematics elective.
- Student must pass 3 Career and Technical courses in a sequenced cluster (or 2 Career and Technical courses and another course related to student's career choice).
- Student must pass class with online experience.

If all IEP goals for student working on the Alabama Extended Standards are met, the student will receive an Alabama High School Diploma with Pre-Vocational endorsement.

Note: Beginning in the 2013-2014 school year, MCPSS senior will be required to complete a career portfolio to meet graduation requirements (see section for specifics).

Note: Middle school students earning high school credit for Algebra 1 HR and/or Biology 1 HR will receive the credit. However, they must earn minimum of (4) 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.

Beginning Freshmen 2013-2014 through 2015-2016

ALABAMA HIGH SCHOOL DIPLOMA

This diploma type includes multiple endorsement options. Each endorsement has specific requirements that must be met. The recipient of this diploma must meet the following requirements:

- 28 units of credit in grades 9-12 and in certain courses in grade 8, as required by the Alabama State Board of Education and the Mobile County Board of School Commissioners, including 21 ½ units of specifically required credit.
- 6½ units of elective credit.
- 4 units of credit in English instruction.
- 4 units of credit in Mathematics to include Algebra I, Geometry, and Algebra II or Algebra II with Trigonometry, and 1 (one) Mathematic elective.
- 4 units of credit in Social Studies to include World History, U.S. History – Beginning to Industrial Revolution, U.S. History – Industrial Revolution to Present, U.S. Government, and Economics.
- 4 units of credit in Science to include Biology, Physical Science, and 2 (two) Science electives.
- 1 unit of LIFE (Personal Fitness).
- ½ unit of Health Education.
- 1 unit of Career Preparedness Course (Career and Academic Planning, Computer Applications, and Financial Literacy).
- 3 units of CTE, Arts Education, and/or Foreign Language – students are encouraged to complete two courses in sequence.

ENDORSEMENT

To earn this endorsement students must meet the above diploma requirements PLUS the following specific additional requirements:

Advanced Honors Endorsement

- Student must pass all core requirements at HR, AP, DE, or IB level.
- Student must pass 4 years of English instruction at HR, AP, DE or IB level.
- Student must pass Algebra 1 and Geometry as one-semester courses.
- Student must pass HR Algebra II with Trigonometry and one other HR Mathematics elective.
- Student must pass HR Biology, CP Chemistry I, CP or AP Physics, and one other upper level Science elective.
- Student must pass 4 units of Social Studies credit at HR, AP, DE, or IB level.
- Student must pass 2 credits in same Foreign Language.
- Student must participate in the (ASPIRE and ACT) State Assessment Program.

- Student must earn minimum of 30 Total Credits.
- Student must maintain 3.5 GPA, have acceptable attendance, and acceptable conduct record.

PATHWAYS TO ALABAMA HIGH DIPLOMA

- Regular, Honors, Advanced Placement (AP), Dual Enrollment (DE), and/or Baccalaureate (IB) Pathways.
- Essentials / Life Skills Pathway
 - 4 units of English – English Essentials 9, 10, 11, and 12.
 - 4 units of Mathematics – Algebraic Essentials A & B and Geometry Essentials A & B.
 - 4 units of Science – Life Skills Science I, II, III, and IV.
 - 4 units of Social Studies – World History for Living, U.S. History for Living 10, U.S. History for Living 11, American Government for Living, and Economics for Living.
 - 1 unit of LIFE (Personal Fitness).
 - ½ unit of Health Education.
 - 1 unit of Career Preparedness (Career and Academic Planning, Computer Applications, and Financial Literacy).
 - 3 units of CTE.
 - 6½ units of Electives – required elective course Cooperative Education Seminar/Work-Based Experience.
 - 28 units of credit in grades 9-12.
- Alternative Achievement Standards (AAS) Pathway (special education)
 - 4 units of English – AAS English 9, 10, 11, and 12.
 - 4 units of Mathematics – AAS Mathematics, 9, 10, 11, and 12.
 - 4 units of Science – AAS Science 9, 10, 11, and 12.
 - 4 units of Social Studies – AAS Social Studies 9, 10, 11, and 12.
 - 1 unit of LIFE (Personal Fitness) or Adapted Physical Education.
 - 1 unit of AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction, and/or AAS Elective Course.
 - 2 units of AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction, and/or AAS Elective Courses 1 unit AAS Life Skills. (12)
 - 3 units of AAS Life Skills. (9, 10, 11)
 - 24 units of AAS Life Skills. (9,10,11)

Note: Beginning in the 2013-2014 school year, MCPSS seniors will be required to complete a career portfolio to meet graduation requirements (see section for specifics).

Note: Middle school students earning high school credit for Algebra 1 HR and/or Biology 1 HR will receive the credit. However, they must earn minimum of (4) 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.

Beginning Freshmen 2016-2017

ALABAMA HIGH SCHOOL DIPLOMA

This diploma type includes multiple endorsement options. Each endorsement has specific requirements that must be met. The recipient of this diploma must meet the following requirements:

- 28 units of credit in grades 9-12 and in certain courses in grade 8, as required by the Alabama State Board of Education and the Mobile County Board of School Commissioners, including 21 ½ units of specifically required credit.
- 6½ units of elective credit.
- 4 units of credit in English instruction.
- 4 units of credit in Mathematics to include Algebra I, Geometry, and Algebra II or Algebra II with Trigonometry, and 1 (one) Mathematic elective.
- 4 units of credit in Social Studies to include World History, U.S. History – Beginning to Industrial Revolution, U.S. History – Industrial Revolution to Present, U.S. Government, and Economics.
- 4 units of credit in Science to include Biology, a Physical Science (Physical Science, Chemistry, or Physics), and 2 (two) Science electives.
- 1 unit of LIFE (Personal Fitness).
- ½ unit of Health Education.
- 1 unit of Career Preparedness Course (Career and Academic Planning, Computer Applications, and Financial Literacy).
- 3 units of CTE, Arts Education, and/or Foreign Language – students are encouraged to complete two courses in sequence.

ENDORSEMENT

To earn this endorsement students must meet the above diploma requirements PLUS the following specific additional requirements:

Advanced Honors Endorsement

- Student must pass all core requirements at HR, AP, DE, or IB level.
- Student must pass 4 years of English instruction at HR, AP, DE or IB level.
- Student must pass Algebra 1 and Geometry as one-semester courses.
- Student must pass HR Algebra II with Trigonometry and one other HR Mathematics elective.
- Student must pass HR Biology, CP Chemistry I, CP or AP Physics, and one other upper level Science elective.
- Student must pass 4 units of Social Studies credit at HR, AP, DE, or IB level.
- Student must pass 2 credits in same Foreign Language.
- Student must participate in the (ASPIRE and ACT) State Assessment Program.
- Student must earn minimum of 30 Total Credits.
- Student must maintain 3.5 GPA, have acceptable attendance, and acceptable conduct record.

PATHWAYS TO ALABAMA HIGH DIPLOMA

- Regular, Honors, Advanced Placement (AP), Dual Enrollment (DE), and/or Baccalaureate (IB) Pathways.
- Essentials / Life Skills Pathway
 - 4 units of English – English Essentials 9, 10, 11, and 12.
 - 4 units of Mathematics – Algebraic Essentials A & B and Geometry Essentials A & B.
 - 4 units of Science – Life Skills Science I, II, III, and IV.
 - 4 units of Social Studies – World History for Living, U.S. History for Living 10, U.S. History for Living

- 11, American Government for Living, and Economics for Living.
 - 1 unit of LIFE (Personal Fitness).
 - ½ unit of Health Education.
 - 1 unit of Career Preparedness (Career and Academic Planning, Computer Applications, and Financial Literacy).
 - 3 units of CTE.
 - 6½ units of Electives – required elective course Cooperative Education Seminar/Work-Based Experience.
 - 28 units of credit in grades 9-12.
- Alternative Achievement Standards (AAS) Pathway (special education)
- 4 units of English – AAS English 9, 10, 11, and 12.
 - 4 units of Mathematics – AAS Mathematics, 9, 10, 11, and 12.
 - 4 units of Science – AAS Science 9, 10, 11, and 12.
 - 4 units of Social Studies – AAS Social Studies 9, 10, 11, and 12.
 - 1 unit of LIFE (Personal Fitness) or Adapted Physical Education.
 - 1 unit of AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction, and/or AAS Elective Course.
 - 2 units of AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction, and/or AAS Elective Courses 1 unit AAS Life Skills. (12)
 - 3 units of AAS Life Skills. (9, 10, 11)
 - 24 units credit

Note: Beginning in the 2013-2014 school year, MCPSS seniors will be required to complete a career portfolio to meet graduation requirements (see section for specifics).

Note: Middle school students earning high school credit for Algebra 1 HR and/or Biology 1 HR will receive the credit. However, they must earn minimum of (4) 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.

Selecting the Highest, Most Appropriate Pathway Leading to the Alabama High School Diploma

(Please check as all items are discussed.)

- _____ The IEP Team has considered the **General Education pathway** with access to Advanced Placement (AP)/International Baccalaureate (IB)/Postsecondary equivalent courses leading to the Alabama High School (HS) Diploma.

- _____ The IEP Team has considered the **Essentials/Life Skills pathway** with access to substitute courses to meet the required courses in English Language Arts, Science, Social studies and Math; the student **must** participate in Community Based Work Training or have documentation of previous work experience (prior to Co-Op) and complete two Career Technical Education (CTE) courses in the same strand, Workforce Essentials and Cooperative Education leading to the Alabama High School (HS) Diploma. Students that take **four or more** Essentials/life Skills Core classes must complete all requirements of the pathway including the work component

- _____ The IEP Team has considered the **Alternative Achievement Standards (AAS) pathway** with access to substitute courses to meet the required courses in English Language Arts, Science, Social Studies, and Math; the student will have access to: AAS Life Skills, AAS Pre-Vocational, AAS Vocational, AAS Community Based Work Instruction and AAS Elective Course leading to the Alabama High School (HS) Diploma.

To be complete at the end of the eighth grade school year and reviewed annually with the student’s four year plan and transition plan.

- The pathways leading to the Alabama High School (HS) Diploma have been explained to me.
- I have read and understand the information above about selecting the highest, most appropriate pathway leading to the Alabama High School (HS) Diploma.
- The IEP Team has considered all possible pathways and matched the student’s postsecondary goals to the appropriate course of study leading to the Alabama High School (HS) Diploma.
- I understand that students with disabilities who have participated in graduation activities with their age appropriate peers who are following the Essentials/Life Skills pathway or the Alternative Achievement Standards pathway and who have not earned the Alabama High School (HS) diploma are entitled to FAPE until he/she exits school with a regular diploma or to age 21, even if it means that services are provided in excess of 12 years.

Parent’s Signature	Date
Student’s Signature	Date
Case Manager’s Signature	Date
Counselor’s Signature	Date

DIPLOMAS/ENDORSEMENTS/CERTIFICATE ISSUED

Exit Documents offered to students entering grade nine during the following years:

1998-1999 through 1999-2000

- Advanced Diploma with Honors (30 credits)
- Diploma with Advanced Academic Endorsement (28 credits)
- Regular Diploma (28 credits)
- Alabama Occupational diploma (24 credits)
- Certificate of Education (24/28 credits) (Special Education Students Only)

2000-2001 through 2006-2007

- Advanced Diploma with Honors (30 credits)
- Diploma with Advanced Academic Endorsement (28 credits)
- Regular Diploma (28 credits)
- Alternate Adult High School Diploma (28 credits)
- Alabama Occupational Diploma (24 credits)
- Certificate of Education (24/28 credits) (Special Education Students Only)

2007-2008

- Advanced Diploma with Honors (30 credits)
- Diploma with Advanced Academic Endorsement (28 credits)
- Diploma with Career/Technical endorsement (28 credits)
- Regular Diploma (28 credits)
- Diploma with Credit-Based Endorsement (28 credits)
- Alternate Adult High School Diploma (28 credits)
- Alabama Occupational Diploma (24 credits)
- Certificate of Education (24/28 credits) (Special Education Students Only)

2008-2009 through 2012-2013

- Alabama High School Diploma
- Advanced Honors Endorsement (30 credits)
- Advanced Academic Endorsement (28 credits)
- Advanced Career/Technical Endorsement (28 credits)
- No endorsement (28 credits)
- Career/Technical Endorsement (28 credits)
- Alabama Occupational Diploma (24 credits)
- Certificate of Education (Special Education Students Only)

2013-2014 and Thereafter

Alabama High School Diploma (28 credits) – See information regarding pathways in previous section
Advanced Honors Endorsement (30 credits)

DIPLOMA/ENDORSEMENT/CERTIFICATE STATUS ADVISEMENT

- 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 and pathway to pursue.
- Options should be discussed with high school counselor.
- Prospective graduating students shall be advised of their graduation status at the end of the **sophomore year**.
- Students participating in the graduation ceremony must meet all requirements prescribed by the State of Alabama and the Mobile County Public School System.
- If they choose students with disabilities in school until age 21 must be allowed to participate in graduation activities with their class. The 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.

(Memo from Alabama State Superintendent of Education, dated April 24, 2014)

DROPPING AND ADDING COURSES

Students will be allowed to drop and add courses *prior to the beginning of school opening*. Course change request 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 semester. The principal shall provide the final schedule to all students before the second full day of each semester. Schedules should be complete for both semesters.

EARLY EXIT PATHWAY

Guidelines

Students may elect to exit high school early if the following criteria are met:

1. Upon completion of twenty-four credits, students must complete Section 1 of the High School Early Exit application and return the form to the school (See counselor for application).
2. Students must complete all graduation requirements and earn a minimum of twenty-eight credits.
3. Students must have meet at least one College and Career Ready Indicator:
 - Benchmark score on any section of the ACT test.
 - Qualifying score on the AP or IB exam
 - Approved college or post-secondary credit while in high school.
 - Benchmark level on the ACT WorkKeys.
 - Approved industry credential.
 - Accepted for enlistment into the Military.

4. Complete courses as required by high school's Academies Program.
5. The Early Exit Pathway will be documented on the students' transcripts by utilizing the end of the first semester (December) as the graduation date.

The following guidelines should be considered as students and parents consider the High School Early Exit pathway:

1. Students who utilize the Early Exit Pathway and graduate from a MCPSS high school will not be permitted to participate as students in any school sponsored activities or programs during the second semester. They will be considered graduates/alumni of their high schools.
2. Early Exit graduates may, however, participate in the graduation ceremonies of that existing year.
3. Students who exit early will not be eligible for valedictorian or salutatorian.
4. Students who opt to participate in the Early Exit Pathway are considered graduates in December; therefore they will not be allowed to attend high school the second semester of their senior year.

Procedures

Students who wish to exit early from high school must follow the steps indicated below:

1. After completing twenty-four credits, students exiting high school early must complete Section 1 of application form and give it to their counselor. Please maintain a copy of your application.
2. The counselor will complete Section 2 of the application form.
3. Initial and exit conferences must be conducted in Section 3. The initial conference must include the parents/guardians.
4. The required signatures listed in Section 4 must be obtained no later than the last day of the applicant's first term of the senior year. Please maintain copy of your completed application.
5. Students and parents must understand that the Early Exit Pathway is available to students only if course/teacher capacity/availability are accessible. Course offerings must be balanced among all grade levels for both semesters of a school year. Classes cannot be over-crowded to accommodate early exit of student.

MCPSS HIGH SCHOOL EARLY EXIT PATHWAY APPLICATION

Section I: To be completed when the applicant has a minimum of twenty-four credits

Student # _____ **Telephone #** _____

Name of Applicant _____
First Middle Last

Address _____
Street, Route or PO Box

City State Zip

As the applicant, my signature verifies that I have received, read, and understand the guidelines and procedures of the Mobile County Public School System Early Exit Pathway.

Signature of Applicant _____ **Date** _____

As the parent or guardian, my signature verifies that I have received, read, and understand the guidelines and procedures of the Mobile County Public School System Early Exit Pathway and give my permission for my student to apply and be considered for the Early Exit Pathway.

Signature of Parent/Guardian _____ **Date** _____

Section II: To be completed by the counselor

A. Course Requirements

- | | |
|---|--|
| <input type="checkbox"/> English 9 | <input type="checkbox"/> World History |
| <input type="checkbox"/> English 10 | <input type="checkbox"/> US History Beg 10 to Industrial Revolution (IR) |
| <input type="checkbox"/> English 11 | <input type="checkbox"/> US History IR to Present |
| <input type="checkbox"/> English 12 | <input type="checkbox"/> American Government |
| | <input type="checkbox"/> Economics |
| <input type="checkbox"/> Algebra 1 | <input type="checkbox"/> Biology |
| <input type="checkbox"/> Geometry | <input type="checkbox"/> Physical Science _____ |
| <input type="checkbox"/> Algebra II or Algebra II w/Trig. | <input type="checkbox"/> Science Elective |
| <input type="checkbox"/> Math Elective _____ | <input type="checkbox"/> Science Elective |
| <input type="checkbox"/> L.I.F.E (or equivalent) | <input type="checkbox"/> Health |
| <input type="checkbox"/> CTE/Foreign Lang/Fine Arts (3 credits) | <input type="checkbox"/> Career Preparedness (or equivalent) |

Number of earned credits _____

Senior Year Schedule (1st Semester)

1 st block	
2 nd block	
3 rd block	
4 th block	
5 th block (½ cr.)	

B. Diploma Type:

C. Postsecondary Plan (choose)

- () Postsecondary Institution
- () Military
- () Work Place

Applicant's Name _____

Student # _____

Section III: To be completed before the applicant exits high school

Counseling Session – Initial: Following Junior Year (parents/guardians must attend)

Date _____

Counselor _____

Parent Initials / Student Initials

Topics Discussed

- Competition for scholarships may be affected if student exits high school midyear.
- The applicant may not re-enroll in a Mobile County public high school after exiting and may not participate in extracurricular activities with the exception of the graduation ceremony.
- The applicant will not be eligible to qualify for valedictorian or salutatorian.
- The information included in Section II of the application.
- The applicant's final schedule of courses.
- The type of diploma to be earned.
- The procedures for ordering the diploma and any applicable charges.
- High school's Academies completion / status

Counseling Session – Exit: **Exit Year** _____

Date _____

Counselor _____

Student Initials

FOUR – YEAR EDUCATION/PLAN OF STUDY

MCPSS Board Approved 06/26/2013

Beginning with the 2013-14 school year, a completed MCPSS Four – Year Education Plan of Study will be required for students to be promoted to tenth grade and to be classified as high school sophomores. 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 guide students to stay on track toward graduation with the knowledge and skills necessary for postsecondary success. This requirement that students have an individualized Four-Year Education/Plan of Study, based on postsecondary/career interests and plans, will support high school success and the development of college and career readiness skills.

GRADE ENHANCEMENT

On recommendation from the Alabama State Department of Education, Mobile County Public School System will no longer offer grade enhancement opportunities to students. **Effective 2011-12 School year, no grade enhancement options will be allowed.**

GRADE PLACEMENT/HOMEROOM ASSIGNMENT

Effective Immediately (August 4, 2008) and Thereafter ***

Grade 9 (Freshman)	Successful completion of Middle School
Grade 10 (Sophomore)	Successful completion of 7 credits – and beginning with 2013-2014, a completed MCPSS Plan of Study (see section for specifics).****
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.

*** Letter sent from Martha Peek, Interim Deputy Superintendent, August 4, 2008, to all High School Principals and Counselors of immediate change.

**** Board Approved June 26, 2013, 6 p.m., Regular Board Meeting.

GRADING

GRADING SCALE

The following grade scale is used in all public high schools in Mobile County:

Letter Grade		Numerical Percentage
A	=	90 – 100
B	=	80 – 89

C	=	70 – 79
D	=	60 – 69
E	=	0 – 59

GRADING AND REPORTING

GRADE COMPUTATION FOR NINE-WEEK COURSES

All students must take a final examination at the end of the nine-week course. The final exam will count one-fifth of the final grade as follows:

$[(4 \times \text{Class Avg.}) + \text{Final Exam}] \text{ divided by } 5 = \text{Final Grade}$

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
 $[(4 \times \text{Class Avg.}) + \text{EQT/Mid-term Exam}] \text{ divided by } 5 = \text{First Nine-Week Grade}$
2. Second Nine-Week Grade
 $[(4 \times \text{Class Avg.}) + \text{EQT/Final Exam}] \text{ divided by } 5 = \text{Second Nine-Week Grade}$
3. Final Course Grade
 $(\text{First Nine-Week Grade} + \text{Second Nine-Week Grade}) \text{ divided by } 2 = \text{Final Grade}$

Note: Seniors are NOT to be exempted from EQTs or final examinations as per Board/Superintendent's recommendation during Division of Curriculum & Instruction's presentation to the Board of School Commissioners on June 28, 2005.

NC – NON CREDIT

A student must clear a non-credit (NC)/500s by the end of the following semester. If a student fails to clear the NC within the time period, the NC will be changed to an "E" and computed in the GPA as a failure. First semester NC must be completed by the end of the year and second semester by the end of the following semester. The "500" code will be used in I-NOW to designate a NC.

COMPUTING OF GRADE POINT AVERAGE (GPA)

Courses that are half (½) credit are given the appropriate quality points once. Courses that are one (1) full credit are given the appropriate quality points twice. Courses that are two (2) full credits are counted four times (i.e. Career/Technical courses taught at Bryant and Faulkner). See following example:

Course	Credit	Grade	Quality Points
HR English 12	1	B	4.0
American Government	½	A	2.0
Economics	½	C	1.0
Automotive Tech	2	B B	3.0 3.0
Totals		4	13

QUALITY POINTS TOTAL		TERM GRADES TOTAL		GPA
13		÷	4	= 3.25
Course	Credit	Grade	Quality Points	
AP English 12	1	B	4.5	
HR American Government	½	A	2.5	
HR Economics	½	C	1.5	
Forensic Science	1	A	4.0	
HR Precalculus	1	B	4.0	
Totals		4	16.5	

QUALITY POINTS TOTAL		TERM GRADES TOTAL		GPA
16.5		÷	4	= 4.125

GPA equals the quality points divided by the number of the term grades. The above example includes both weighted and unweighted GPA.

PROGRESS REPORTS

Progress reports should be sent home four and half weeks after the beginning of each quarter. It is expected that all parents benefit from reports of student progress. Teachers are encouraged to send progress reports home with every student receiving a grade of C for the quarter. *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.

GRADUATION EXAM INFORMATION

ALABAMA HIGH SCHOOL GRADUATION EXAM (AHSGE) REQUIREMENTS

Freshman Entering High School 1998 – 1999	Graduation Exam 11 th Grade level
	• Reading
	• Language
	• Mathematics
	• Science
Freshman Entering High School 1999 – 2000	Graduation Exam 11 th Grade Level
	• Reading
	• Language
	• Mathematics
	• Science
Freshman Entering High School 2001 – 2002 through 2005 – 2006	Graduation Exam 11 th Grade Level
	• Reading
	• Language
	• Mathematics
	• Science (Biology and Physical Science Subject Are Test)
	• Social Studies
Freshman Entering High School 2006 – 2007 and 2009 – 2010 (Graduating Class of 2013)	Graduation Exam 11 th Grade Level
	• Reading
	• Language
	• Mathematics
	• Science (Biology Subject Are Test)
	• Social Studies
Freshman Entering High School 2010 – 2011 and beyond	Not required to pass Alabama High School Graduation Exam

GRADUATION REQUIREMENT FOR BEGINNING FRESHMEN 2012-13
DIPLOMA OPTIONS FOR STUDENTS OF MOBILE COUNTY PUBLIC SCHOOL SYSTEM

OPTION 1

OPTION 2

<u>ALABAMA HIGH SCHOOL DIPLOMA</u>	
English	4
<u>Four credits to include</u>	
English 9	1
English 10	1
English 11	1
English 12	1
Mathematics	4
<u>Four credits to include</u>	
Algebra I	1
Geometry	1
Algebra II or Algebra II with Trigonometry	1
Math Electives	1
Science	4
<u>Four credits to include</u>	
Biology I	1
Physical Science	1
Science Electives	2
Social Studies	4
<u>Four credits to include</u>	
Modern World History & Geography 1500 to Present	1
U.S. History & Geography Beginning to Industrial Revolution	1
U.S. History & Geography Industrial Revolution to Present	1
Government	½
Economics	½
LIFE PE	1
Health Education	½
Fine Arts	½
Computer Applications	½
Electives	9 ½
<u>TOTAL CREDITS</u>	<u>28</u>
<u>Special Requirement:</u> See specific endorsements in next column.	

<u>DIPLOMA WITH ADVANCED HONORS ENDORSEMENT</u>	
<ul style="list-style-type: none"> • Student must pass core requirement in English, Mathematics, Science and Social Studies at HR, AP, DE or IB Level. • Student must pass 4 years of English instruction at HP, AP, DE or IB level. • Student must pass Algebra I and Geometry as one-semester courses. • Student must pass HR Algebra II/Trigonometry and one other HR Mathematics elective. • Student must pass HR Biology, CP Chemistry 1, CP or AP Physics, and one other upper level Science Elective. • Student must pass 2 Credits in same Foreign Language. • Student must earn minimum of 30 Total Credits. • Student must maintain 3.5 GPA, have acceptable attendance, and acceptable conduct record. 	

<u>DIPLOMA WITH ADVANCED ACADEMIC ENDORSEMENT</u>	
<ul style="list-style-type: none"> • Student must pass all standard coursework. • Student must pass Algebra I and Geometry as one-semester courses. • Student must pass HR Algebra II/Trigonometry and one other mathematic elective. • Student must pass 2 Credits in same Foreign Language. • Student must pass class with online experience. 	

<u>DIPLOMA WITH ADVANCED CAREER TECHNICAL ENDORSEMENT</u>	
<ul style="list-style-type: none"> • Student must pass all standard coursework. • Student must pass Algebra I and Geometry as one-semester courses. • Student must pass Algebra II/Trigonometry and one other mathematic elective. • Student must pass 2 Credits in same Foreign Language. • Student must pass 3 Career Technical courses in a sequenced cluster (or 2 Career Technical courses and another course related to student's career choice). 	

<u>DIPLOMA (NO ENDORSEMENT)</u>	
<ul style="list-style-type: none"> • Student must pass all standard coursework. • Student must pass Algebra I (could be A/B), Geometry, Algebra II or Algebra II with Trigonometry, and 1 Mathematics elective. 	

<u>DIPLOMA WITH CAREER TECHNICAL ENDORSEMENT</u>	
<ul style="list-style-type: none"> • Student must pass all standard coursework. • Student must pass Algebra I (could be A/B), Geometry, Algebra II or Algebra II with Trigonometry, and 1 Mathematics elective. • Student must pass 3 Career Technical courses in a sequenced cluster (or 2 Career Technical courses and another course related to student's career choice). 	

Note:

- 1) Beginning in the 2013-2014 school year, MCPSS seniors will be required to complete a career portfolio to meet graduation requirements.
- 2) Seniors in the Graduating class of 2013-2014 do not have to pass the AHSGE as specified in 11-15-2013 memo by Thomas R. Bice, State Superintendent of Education.
- 3) **Middle School students earning high school credit for Algebra I HR and/or Biology I HR will receive the credit. However, they must earn minimum of four (4) math credits and science credits, respectively, in grades -12 in the high school program. Students must earn at least one math credit each school year in high school.**

<u>ALABAMA OCCUPATIONAL TRACT DIPLOMA (NO ENDORSEMENT)</u>	
English	4
<u>Four credits to include</u>	
Employment English I	1
Employment English II	1
Employment English III	1
Employment English IV	1
Mathematics	4
<u>Four credits to include</u>	
Essential Math I	1
Essential Math II	1
Algebraic Exploration I	1
Algebraic Exploration II	1
Science	4
<u>Four credits to include</u>	
LS I: Biology	1
LS II: Physical Science	1
LS III: Earth & Space Science	1
LS IV: Science Elective	1
Social Studies	4
<u>Four credits to include</u>	
World History for Living	1
U.S. History for Living I	1
U.S. History for Living II	1
U.S. Government for Living	½
Economics for Living	½
L.I.F.E. PE	1
Health Education	½
Fine Arts	½
Career/Technical Education	2
Cooperative Career/Workforce Essentials	1
Coordinated Studies Seminar	1
Elective	2
<u>TOTAL CREDITS</u>	<u>24</u>
<u>Special Requirement:</u> Student must complete Work Instruction Program.	

**GRADUATION REQUIREMENTS FOR BEGINNING FRESHMEN 2013-14 THROUGH 2015-2016
DIPLOMA OPTIONS FOR STUDENTS OF MOBILE COUNTY PUBLIC SCHOOL SYSTEM**

<u>ALABAMA HIGH SCHOOL DIPLOMA</u>	
(Approved by the Alabama State board of Education on 01-10-2013)	
This diploma n Mobile County Public School System has one endorsement option. The endorsement has specific requirements that must be met.	
English	4
<u>Four credits to include:</u>	
English 9	1
English 10	1
English 11	1
English 12	1
Mathematics	4
<u>Four credits to include:</u>	
Algebra I	1
Geometry	1
Algebra II or Algebra II with Trigonometry	1
Math Elective	1
Science	4
<u>Four credits to include:</u>	
Biology	1
Physical Science	1
Science Electives	2
Social Studies	4
<u>Four credits to include:</u>	
Modern world History & Geography 1500 to Present	1
U.S. History & Geography Beginning to Industrial Revolution	1
U.S. History & Geography Industrial Revolution to Present	1
Government	½
Economics	½
L.I.F.E (Personal Fitness)	1
(Two JROTC credits may be used to meet this requirement)	
Health Education	½
Career Preparedness	1
(Career and Academic Planning, Computer Applications, and Financial Literacy)	
CTE, and/or Foreign Language, and/or Arts Education	3
3 credits taken from these areas in any combination.	
However, students are encourage to complete two courses in sequence.	
Electives	6½
Total Credits	28

<u>ONLY ENDORSEMENT OPTION</u>	
<u>ALABAMA HIGH SCHOOL DIPLOMA WITH ADVANCED HONORS ENDORSEMENT</u>	
<u>Advanced Honors Endorsement</u>	
<ul style="list-style-type: none"> • Student must pass core requirements at HR, AP, DE, or IB level. • Student must pass 4 years of English instruction at HR, AP, De, or IB level. • Student must pass Algebra I and Geometry as one-semester courses. • Student must pass HR Algebra II with Trigonometry and one other HR, AP, or DE Level Mathematics credit. • Student must pass HR Biology, CP Chemistry 1, CP or AP Physics, and one other upper level Science elective. • Student must pass 4 years of Social Studies instruction at HR, AP, or DE level. • Student must pass 2 credits in same World Language. • Student must earn minimum of 30 Total Credits. • Student must maintain 3.5 GPA (cumulative grade point average), have acceptable attendance, and acceptable conduct record. 	
<div style="border: 1px solid black; padding: 5px;"> <p>Note:</p> <ol style="list-style-type: none"> 1) Beginning in the 2013-2014 school year, all MCPSS seniors will be required to complete a career portfolio to meet graduation requirements. 2) Middle school students earning high school credit for Algebra I HR and/or Biology I HR will receive the credit. However, they must earn minimum of four (4) 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. </div>	

GRADUATION REQUIREMENT FOR BEGINNING FRESHMAN 2013-2014 THROUGH 2015-2016
PATHWAY OPTIONS FOR STUDENTS OF MOBILE COUNTY PUBLIC SCHOOL SYSTEM

<p style="text-align: center;">Multiple Pathways to High School Diploma</p> <ul style="list-style-type: none"> • Honors Advanced Placement (AP), Dual Enrollment (DE) International Baccalaureate (IB) • Regular • Essentials/Life Skills Pathway (Special Education) <ul style="list-style-type: none"> – 4 units of English – English Essentials 9, 10, 11, 12 – 4 units of Mathematics – Algebraic Essentials A & B and Geometry A & B – 4 units of Science – Life Skills Science I, II, III and IV – 4 units off Social Studies – World History for Living, US History for Living 10,, US History for Living 11, American Government for Living, and Economics for Living – 1 unit of LIFE (Personal Fitness) – ½ unit of Health Education – 1 unit of Career Preparedness (Career and Academic Planning, Computer Applications and Financial Literacy) – 3 units of CTE – 6 ½ units of Electives – required elective course Cooperative Education Seminar/Work-Based Experience <p>Note: if any student takes a minimum of 4 credits in this Pathway, he/she must take Cooperative Education Seminar/Work-Base Experience. Pursuing this Pathway will affect student’s post – secondary options.</p>	<ul style="list-style-type: none"> • Alternative Achievement Standards Pathway (special education) <ul style="list-style-type: none"> – 4 units of English – AAS English 9,10,11,12 – 4 units of Mathematics – AAS Mathematics 9,10,11,12 – 4 units of Science – AAS Science 9,10,11,12 – 4 units of Social Studies – AAS Social Studies 9,10,11,12 – 1 unit of LIFE (Personal Fitness) or Adapted Physical Education – 1 unit of AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction, and/or AAS Elective – 3 units of AAS Life Skills(9,10,11) – 1 unit of AAS Life Skills (12) – 2 units of AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction, and/or AAS Elective. <p>Note: Pursuing this Pathway will affect student’s post-secondary options.</p>
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**GRADUATION REQUIREMENTS FOR BEGINNING FRESHMEN 2016-17 AND THEREAFTER
DIPLOMA OPTIONS FOR STUDENTS OF MOBILE COUNTY PUBLIC SCHOOL SYSTEM**

<u>ALABAMA HIGH SCHOOL DIPLOMA</u>	
(Approved by the Alabama State board of Education on 01-10-2013)	
This diploma n Mobile County Public School System has one endorsement option. The endorsement has specific requirements that must be met.	
English	4
<u>Four credits to include:</u>	
English 9	1
English 10	1
English 11	1
English 12	1
Mathematics	4
<u>Four credits to include:</u>	
Algebra I	1
Geometry	1
Algebra II or Algebra II with Trigonometry	1
Math Elective	1
Science	4
<u>Four credits to include:</u>	
Biology	1
A physical science (Physical Science, Chemistry, or Physics)	1
Alabama Course of Science or equivalent/substitute from Career Technical Education/advanced placement/international baccalaureate/post-secondary/SDE approved science.	2
Social Studies	4
<u>Four credits to include:</u>	
Modern world History & Geography 1500 to Present	1
U.S. History & Geography Beginning to Industrial Revolution	1
U.S. History & Geography Industrial Revolution to Present	1
Government	½
Economics	½
L.I.F.E (Personal Fitness)	1
(Two JROTC credits (1a and 1b) may be used to meet this requirement)	
Health Education	½
Career Preparedness	1
(Career and Academic Planning, Computer Applications, and Financial Literacy)	
CTE, and/or Foreign Language, and/or Arts Education	3
3 credits taken from these areas in any combination.	
However, students are encourage to complete two courses in sequence.	
Electives	6½

<u>ONLY ENDORSEMENT OPTION</u>	
<u>ALABAMA HIGH SCHOOL DIPLOMA WITH ADVANCED HONORS ENDORSEMENT</u>	
<u>Advanced Honors Endorsement</u>	
<ul style="list-style-type: none"> • Student must pass core requirements at HR, AP, DE, or IB level. • Student must pass 4 years of English instruction at HR, AP, De, or IB level. • Student must pass Algebra I and Geometry as one-semester courses. • Student must pass HR Algebra II with Trigonometry and one other HR, AP, or DE Level Mathematics credit. • Student must pass HR Biology, CP Chemistry 1, CP or AP Physics, and one other upper level Science elective. • Student must pass 4 years of Social Studies instruction at HR, AP, or DE level. • Student must pass 2 credits in same World Language. • Student must earn minimum of 30 Total Credits. • Student must maintain 3.5 GPA (cumulative grade point average), have acceptable attendance, and acceptable conduct record. 	
<p>Note:</p> <ol style="list-style-type: none"> 3) Beginning in the 2013-2014 school year, all MCPSS seniors will be required to complete a career portfolio to meet graduation requirements. 4) Middle school students earning high school credit for Algebra I HR and/or Biology I HR will receive the credit. However, they must earn minimum of four (4) 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. 	

GRADUATION REQUIREMENT FOR BEGINNING FRESHMAN 2016-2017 AND THEREAFTER
PATHWAY OPTIONS FOR STUDENTS OF MOBILE COUNTY PUBLIC SCHOOL SYSTEM

<p style="text-align: center;">Multiple Pathways to High School Diploma</p> <ul style="list-style-type: none"> • Honors Advanced Placement (AP), Dual Enrollment (DE) International Baccalaureate (IB) • Regular • Essentials/Life Skills Pathway (Special Education) <ul style="list-style-type: none"> – 4 units of English – English Essentials 9, 10, 11, 12 – 4 units of Mathematics – Algebraic Essentials A & B and Geometry A & B – 4 units of Science – Life Skills Science I, II, III and IV – 4 units off Social Studies – World History for Living, US History for Living 10,, US History for Living 11, American Government for Living, and Economics for Living – 1 unit of LIFE (Personal Fitness) – ½ unit of Health Education – 1 unit of Career Preparedness (Career and Academic Planning, Computer Applications and Financial Literacy) – 3 units of CTE – 6 ½ units of Electives – required elective course Cooperative Education Seminar/Work-Based Experience <p>Note: if any student takes a minimum of 4 credits in this Pathway, he/she must take Cooperative Education Seminar/Work-Base Experience. Pursuing this Pathway will affect student’s post – secondary options.</p>	<ul style="list-style-type: none"> • Alternative Achievement Standards Pathway (special education) <ul style="list-style-type: none"> – 4 units of English – AAS English 9,10,11,12 – 4 units of Mathematics – AAS Mathematics 9,10,11,12 – 4 units of Science – AAS Science 9,10,11,12 – 4 units of Social Studies – AAS Social Studies 9,10,11,12 – 1 unit of LIFE (Personal Fitness) or Adapted Physical Education – 1 unit of AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction, and/or AAS Elective – 3 units of AAS Life Skills(9,10,11) – 1 unit of AAS Life Skills (12) – 2 units of AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction, and/or AAS Elective. <p>Note: Pursuing this Pathway will affect student’s post-secondary options.</p>
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HIGH SCHOOL COURSES TAUGHT IN MIDDLE SCHOOL

SCHOOL	ALGEBRA I	FOREIGN LANGUAGES	NAME	OTHER SUBJECTS	NAME
ALBA	YES	NO		NO	
BELSAW	YES	NO		NO	
BURNS	YES	NO		NO	
CALLOWAY-SMITH	YES	NO		NO	
CAUSEY	YES	NO		NO	
CHASTANG	YES	NO		NO	
CLARK	YES	YES	HR FRENCH 1 HR SPANISH 1	YES	HR BIOLOGY 1
DENTON	YES	NO		NO	
DUNBAR	YES	YES	HR FRENCH 1	NO	
EANES	YES	NO		NO	
GRAND BAY	YES	NO		NO	
HANKINS	YES	NO		NO	
LOTT	YES	NO		NO	
MOBILE COUNTY TRAINING	YES	NO		NO	
NORTH MOBILE	YES	NO		NO	
PHILLIPS	YES	YES	HR FRENCH 1 HR SPANISH HR GERMAN	NO	
PILLANS	YES	NO		NO	
SCARBOROUGH	YES	NO		NO	
SEMMES	YES	NO		NO	
WASHINGTON	YES	NO		NO	

HIGH SCHOOL DIRECTORY

SCHOOL	PHONE	PRINCIPAL	COUNSELOR	GRADE
Baker	221-3000	Clem Richardson	Terry Noojin Kim Walker Nancy Lambert Christy Melton Alice Cowan	Lead 12 11 10 9
Blount	221-3070	Jerome Woods	Monica Davis Judith Dunning	11/12 9/10
Bryant	824-3213	Doug Estle	Sherry Hart Hoyland Fields Gina McDaniel	12 11 9/10
Bryant Area CTC	957-2845	Thomas Reed	Mico Lucious	ALL
Citronelle	221-3444	Randy Campbell	Lena Lindsey Jaelyn Stringer	ALL (A-M) ALL (N-Z)
CLC	221-2122	Ashley Brewer	Gloria Craft	M.S./H.S.
Davidson	221-3084	Lewis Copeland	Leslie Franklin Kristie Matthews Cassandra Holman	12 10/11 9
Envision Academy	221-6700	Lynne Brown	Sheniqua Roberson	6 - 12
Faulkner Area CTC	221-5431	William White	Sharon Hornsby	ALL
LeFlore	221-3125	Alvin Dailey	Marilyn Figures Gabarel Lambert	9/10 11/12
Montgomery	221-3153	James Gill	Michelle Steiner Donna Henderson Tiffany Dixon Tracy Churchwell	12 11 10 9
Murphy	221-3186	William Smith	Paula Estes Rachel Graham Delcine King Gwen Bethea	12 11 10 9
Rain	221-3233	Marlon Firlle	Lakasha Robinson Shaniki Dailey	11/12 9/10
Theodore	221-3351	Ronald Rowell	Jimise Mitchell Sharon Lawless Jamie Jones	12 11 9/10
Vigor	221-3045	Gerald Cunningham	Cheryl Sutton Lauretta Washam	11/12 9/10
Williamson	221-3411	Jeffrey Tolbert	Temeka Washington Sandra Hunt	10/12 9/11

ONLINE CORRESPONDENCE COURSES

Credit for online courses **may be allowed only** on the following conditions:

- ***Written approval must be given by both the Principal and Superintendent/or designee (Guidance Supervisor) before the online work is begun.***
- Credits can be earned through online courses from institutions recognized by the State Department of Education and from institutions accredited by the national accrediting agency, AdvancED, recognized by the U.S. Office of Education.

The following represents how the State Department of Education will interpret the existing Alabama Administrative Code (AAC) rule on the topic of accredited and non-accredited schools (memorandum from Joseph Morton, June 24, 20014):

- Accredited schools in Alabama by AdvancED through all of its stated accreditation recognition methods.
- Any school accredited by an agency that is not recognized by AdvancED is not considered an accredited school in Alabama by the State Board of Education or the State Department of Education.
- Any student transferring to an Alabama public school from a private or public school that is AdvancED recognized as being accredited shall have all credits and current class/grade placement accepted without validation upon the receipt of an official Transcript(s).
- Any student transferring to an Alabama public school from a private or public school that is not AdvancED recognized, as being accredited shall follow the AAC procedures for Credit Transfers and class/grade placement of students from non-accredited schools

- Only one credit may be earned during the regular school year and only one the following summer by a student, and these credits shall be included in calculating his/her program of study and GPA/rank. The year runs from August through July.
- **Online work should be taken only when the curricular offerings deny a student a course he/she particularly needs. – Alabama Administrative Code Rule 290-3-1-.02(11)(a-d)**
- Online work **should not** be used to accelerate graduation.
- Core courses completed by online must be validated by testing conducted by the Mobile County Public School System.

Make sure all of the above guidelines are followed before making any requests or beginning a online course.

For a student requesting permission to take a correspondence course, the principal should submit an approval letter with his/her signature. All requests for correspondence courses from principals should be forwarded to the Guidance Services Supervisor who will sign as the Superintendent's designee.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)



NCAA ELIGIBILITY CENTERS QUICK REFERENCE GUIDE

NCAA Division I Initial-Eligibility Requirements

Core Courses (16)

- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - **Sixteen (16) core courses are required** (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - **Sixteen (16) core courses are required** (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English/math or natural/physical science.
 - ♦ These courses/grades are “locked-in” at start of the seventh semester (cannot be repeated grade point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - *Students who do not meet core-course progression requirements may still be able to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see page No.2):
 - **SAT:** critical reading and math sections.
 - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
- All ACT and SAT before initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

Core Grade – Point Average:

- Only core courses that appear on the high school’s List of NCAA Courses on the NCAA Eligibility Center’s website (www.eligibilitycenter.org) will be used to calculate your core-courses GPA. Use this list as a guide:
- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - Student must present a corresponding test score (ACT sum score or SAT combine score) and Core-course GPA (minimum 2.000) on Sliding Scale A (see page No. 3)
 - Core-course GPA is calculated using the best 16 courses that meet subject-area requirements.
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - Student must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (Minimum 2.300) on Sliding Scale B (see page No. 2)
 - Core-course GPA is calculate using the best 16 core courses that meet both progression (10 before seventh semester; seven in English, math or science; “locked in”) and subject-area requirements.

DIVISION I Core-Course Requirement (16)	DIVISION I – 2016 Qualifier Requirements	DIVISION I – 2016 Academic Redshirt Requirements
<ul style="list-style-type: none"> 4 years of English 3 years of math (Algebra 1 or higher) 2 years of natural/physical science (1 year of lab if offered) 1 year of additional English, math or natural/physical science 2 years of social science 4 years of additional courses (any area above, foreign language or comparative religion/philosophy) 	<p style="margin: 0;">*Athletics aid, practice, and competition</p> <ul style="list-style-type: none"> • 16 Core courses <ul style="list-style-type: none"> ▪ Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science. ▪ “Locked in” for core-course GPA calculation. • Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (Minimum 2.3000) on Sliding Scale B (See pg.2) 	<p style="margin: 0;">*Athletics aid and practice (no competition)</p> <ul style="list-style-type: none"> • 16 Core courses <ul style="list-style-type: none"> ▪ No grades/credit “locked in” (repeated courses after the seventh semester begins may be used for initial eligibility). • Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (Minimum 2.3000) on Sliding Scale B (See pg.2) • Graduate from High School.

Sliding Scale A		
<i>Use for Division I prior to August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.00	1010	86

Sliding Scale B		
<i>Use for Division I beginning August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	740	60
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.25	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	970	81
2.100	980	82
2.075	990	83
2.050	1000	84
2.025	1010	85
2.000	1020	86

For more information, visit the NCAA Eligibility Center Website at www.eligibilitycenter.org or www.2point3org.



NCAA ELIGIBILITY CENTERS QUICK REFERENCE GUIDE

NCAA Division II Initial-Eligibility Requirements

Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018,** to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-courses requirement.

Test Scores: (ACT/SAT)

- Division II currently requires a minimum SAT score of 820 or an ACT sum score of 68.
- Beginning August 1, 2018, Division II will use a sliding scale to match test scores and core-course grade point average (GPA). The sliding scale for those requirements is shown on page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purpose is a **sum** of the following four sections. English, mathematics, reading and science.
- **When you register for the SAT or ACT scores, use the NCAA Eligibility Center Code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA to the NCAA Eligibility Center form the testing agency. Test scores on transcripts will not be used.**

Core Grade – Point Average:

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Used the list as a guide.
- The current Division II core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on page No. 2 of this sheet).
- The minimum Division II core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.00 (corresponding test-score requirements are listed on the Sliding Scale on page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

DIVISION II 16 Core Courses

- 3 years of English
- 2 years of math (Algebra 1 or higher)
- 2 years of natural/physical science
(1 year of lab if offered)
- 3 year of additional English, math or
natural/physical science
- 2 years of social science
- 4 years of additional courses (any area
above, foreign language or
comparative religion/philosophy)

DIVISION II COMPETITION SLIDING SCALE <i>Use for Division II beginning August 1, 2018</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.300 & Above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	59
2.450	730	60
2.425	740	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & Above	70 & Above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE <i>Use for Division II beginning August 1, 2018</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.050 & Above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.25	730	59
2.200	740	60
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & Above	68 & Above

For more information, visit the NCAA
Eligibility Center Website at www.eligibilitycenter.org

FURTHER INFORMATION REGARDING NCAA INITIAL ELIGIBILITY

1. Prospective student athletes should obtain a copy of the booklet, Guide for the College Bound Student Athlete, from the NCAA website at www.ncaaeligibilitycenter.org. This booklet contains valuable information about the NCAA Initial-Eligibility.
2. An athlete's initial-eligibility is determined by the NCAA Eligibility Center. If a student intends to participate in Division I or Division II athletics as a college freshman, he/she must register and be certified by the NCAA Eligibility Center. For more information about registering, go to the website at www.ncaaeligibilitycenter.org. Remember that the core GPA used to figure initial-eligibility is the GPA based on the NCAA core Courses, not the high school cumulative GPA. Some of the courses taught in Mobile County Public School System may not meet the NCAA eligibility requirements. It is the student's responsibility to register with the NCAA Eligibility Center and to make sure that they have all documents to certify eligibility. Students are encouraged to talk with athletic coaches and counselors for further information regarding NCAA.
3. All prospective student athletes, intending to enroll in a NCAA Division I or II institute for the first time after August 1, 2007, must complete the NCAA Amateurism Certification questionnaire. Both the academic and amateurism status must be certified by the Eligibility Center.
4. If a student athlete enrolls in a Division I college or university on or after August 1, 2008, and wants to participate in athletics or receive athletics scholarship during his/her first year, he/she must:
 - Graduate from high school;
 - Complete these 16 core courses:
 - 4 years of English
 - 3 years of mathematics (Algebra I or higher)
 - 2 years of natural or physical science (including one year of lab science if offered by your high school)
 - 1 additional year of English, mathematics, or natural or physical science
 - 2 years of social science
 - 4 years of additional core courses (from any category above, or world language, non-doctrinal religion or philosophy)
 - Earn a minimum required grade-point average in his/her core courses; and
 - Earn a combined ACT or SAT sum score that matches his/her core course grade-point average and test score sliding scale.
5. Beginning in 2007 and thereafter for Division I, a student must graduate from high school on schedule (in eight semesters) with his/her incoming ninth grade class.
6. Beginning on or after August 1, 2018, if a student enrolls in a Division II college and wants to participate in athletics or receive an athletic scholarship during his/her first year, he/she must:
 - Graduate from high school;
 - Complete the 16 core courses
 - 3 years of English
 - 2 Years of mathematics (Algebra I or higher)
 - 2 Years of natural or physical science (including one year of lab science if offered by your high school)
 - 3 additional years of English, mathematics, or natural or physical science
 - 2 years of Social Science
 - 4 years of additional core courses (from any category above, or world language, non-doctrinal religion or philosophy)
 - Earn a 2.00 GPA or better in your core courses (minimum of 2.200 GPA to compete)
 - Earn a combined SAT score of 820 or an ACT sum score of 68

Juniors

- Register to take the ACT, SAT, or both and use Eligibility Center Code 9999 as a score recipient.
- Work hard to get the best grade possible. Continue to take college preparatory courses.
- Remember you must graduate on time in eight semesters.
- Double check to make sure the courses you have taken match your high school's NCAA list of approved core courses.
- Ask your Guidance Counselor to send an official transcript to the Eligibility Center after completing your Junior year. The Eligibility Center DOES NOT accept faxed transcripts or test scores. If you attend more than one high school, the NCAA Eligibility Center will need official transcripts from all high schools attended.
- Prior to registration for classes for your Senior year, check with your Guidance Counselor to determine the amount of core courses that you need to complete your Senior year.

Seniors

- Take the ACT and/or SAT again. The Eligibility Center uses the best scores from each section of the ACT or SAT to determine your best cumulative score.
- Continue to take college-prep courses.
- Check that the courses you have taken match your high school's NCAA list of approved core courses.
- Review your amateurism questionnaire response and request final amateurism certification on or after April 1st for Fall enrollees or October 1st for Spring enrollees
- Continue to work hard to get the best grades possible.
- Graduate on time (in eight semesters).
- After graduation, ask your Guidance Counselor to send your final transcript with proof of graduation.

NATIONAL HONOR SOCIETY

The National Honor Society (NHS), established in 1921, is 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 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)

3. Character

- No Class B, C, or D Discipline Offenses
- Four Teacher Recommendations from previous semester teachers
- No more than three Class A Discipline Offenses

4. Service
 - Verification of specific form
 - Three positive service contacts
5. Induction
 - Set own Induction Date by March 31st
6. Completed Student Activity Information Form

PROGRAM ENHANCEMENTS

INTERVENTIONS

Intervention opportunities available to students include core course assistance, subject enhancement, night school and summer school. ACCESS Distance Learning provides students with additional opportunities for intervention. GradPoint, the computer-assisted instructional program used for Credit Recovery, has the capacity to provide a variety of intervention opportunities for students.

FEEDER PATTERNS

All schools are organized in elementary-middle-high school feeder patterns to provide continuity in the Pre-K – 12 educational program and to ensure student academic success defined by increased high school graduation rates. The schools in feeder patterns work together in Professional Learning Communities to enhance the instructional program at each school level through vertical planning and collaborative educational activities and programs.

MCPSS ELECTIVES RECEIVE UN-WEIGHTED STATUS

Beginning with the 2009-2010 school year, elective courses (including Gifted and Social Studies electives) will no longer receive weighted quality points. The only exceptions are designated courses required within specific theme programs.

EVENING EDUCATIONAL OPPORTUNITY PROGRAM

Initiated during the 2009-2010 school, this evening program provides students who are over-aged and under-credited with a non-traditional educational setting. The objective is high school graduation for students who need alternatives from the traditional high school setting. The program utilizes a combination of GradPoint and direct teaching to provide students with course instruction.

ENVISION VIRTUAL ACADEMY

Envision is a virtual public school whose mission is to maximize academic achievement for students in grades 6-12 and provide an alternative to the traditional classroom setting. The Envision Virtual Academy will provide students with individualized and flexible instruction.

Envision Virtual Academy’s desire is to educate and inspire academically-talented and self-motivated students through intensive, interactive online instruction. The Envision experience prepares students to graduate college and career ready in order to contribute significantly and responsibly to our global society.

Staff Contact Information

Lynne I Brown – Principal		
Sheniqua Roberson – Counselor	sroberson@mcpss.com	
Cathi Clarke – Secretary/Registrar	cclarke@mcpss.com	251-221-6700

PROMOTION/GRADUATION REQUIREMENT

The following Board policies must be adhered to by MCPSS students. Failure to comply will affect students' promotion and/or graduation status. Both of these requirements are completed using www.alcareerinfo.org.

1. Beginning with the 2013-2014 school year, a completed MCPSS Four-Year Education/Plan of Study will be required for students to be promoted to tenth grade and to be classified as high school sophomores. This requirement that students have an individualized Four-Year Education/Plan of Study, based on post-secondary/career interests and plans, will support high school success and the development of college and career readiness skills. (MCPSS Board approved 6/26/2013).
2. Beginning in the 2013-2014 school year, MCPSS seniors will be required to complete a career portfolio to meet graduation requirements. 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.(MCPSS Board approved 5/29/2010)

RANKING OF STUDENTS

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:

- Tentative rank will be made at the end of the tenth and eleventh grades and final rank at the end of the first term of the senior year.
- Top ten (10) students will be advised of their ranking at the end of each year in grades 10-11.
- The top ten (10) positions may be filled by more than ten students in the case of ties for any positions.
- Letter grades (A-E & NC [not cleared =E]) for all subjects will be used in computing the grade-point average.
- All students within a grade level shall be included in determining class rank.
- All high school level courses attempted prior to grade 9 will **not** be used when calculating high school grade point average (GPA) and/or class rank. Only courses attempted in the high school program (Grades 9-12) will be used to calculate grade point average and/or class rank. (Beginning with Freshmen 2016-2017)

VALEDICTORIAN AND SALUTATORIAN SELECTION

(Effective for Beginning Freshman 1999-2000)

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 the valedictorian of the graduating class. The student with the second highest grade point average will be the 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 five decimal places with no rounding. The following criteria will be used:

- Valedictorian and Salutatorian will be determined at the end of the first term of the senior year by using the approved "Rank-in-Class" system.

- Out-of-system transfer students must be enrolled in the current school starting with the first term of the junior year and complete three (3) consecutive terms in this system prior to ranking to be considered for Valedictorian and Salutatorian.
- For 3 years following consolidation of two 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) each year for 3½ years in order to be eligible.

Top 10 students will come from those students receiving the Diploma with Advanced Honors Endorsement.

REGISTRATION ITEMS NEEDED

- **Parent/Legal Guardian Photo Identification**
- **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.
- **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)**

SENIOR ACTIVITIES/COMMENCEMENT PARTICIPATION

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 the graduation exercise.

SENIOR EARLY RELEASE

Board Approved 02/19/09

Beginning in the 2010-11 school year, MCPSS **will no longer** have the Senior Early Release option for students. As per the 02/24/2010 memo from Dr. Thomas Bice, Deputy State Superintendent of Education, the only Early Release options during the prescribed school day will be for students who are released to a planned and supervised educational or work experience, i.e., Cooperative Education or Early College Enrollment. The exception is fifth-year seniors.

SIGNATURE ACADEMIES of Mobile County Public School System are 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 students college and career ready opportunities such as paid and unpaid 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 submit for an academy change during their 10th grade year after consulting with the school's academy specialist.

SIGNATURE ACADEMIES

Baker High School

An academy of Advanced Careers is designed to provide students with rigorous curriculum to develop productive citizens and life-long learners who are prepared to compete in a global society.

- AP Capstone provides students with an opportunity to engage in rigorous scholarly practice of the core academic skills necessary of two course – AP Seminar and AP Research – and is designed to complement and enhance the in-depth, discipline-specific study provided through AP courses.

Blount High School

Academy of Allied Health (Clinical Services) Entry and Advanced is a specialized program designed to expose students to a wide range of careers in health care.

- Allied Healthcare Entry / Advanced (HCAP) is designed to provide the student with multiple opportunities to learn and acquire skills necessary for various levels of careers within the healthcare occupations. Students will have the opportunity to earn the credentials for Certified Nursing Assistant (CNA).
- Emergency Medical Technology (EMT) is designed to provide the student with knowledge of emergency medicine. Students will have the opportunity to earn credentials for the Alabama EMT Certification.
- Sports Medicine is designed to provide students with knowledge and skills needed to assist with first aid and therapeutic medical services. Students will be given the opportunity to earn credentials in Cardiopulmonary Resuscitation Certificate (CPR) / First Aid/ AED.

Bryant High School

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

- 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.
- Environmental Management – Plant Systems is designed for students to learn about plant physiology, plant identification and classification, growing media, pest control, greenhouse and nursery production, landscape establishment and maintenance, and business management. Students will learn through classroom and hand-on learning experiences.
- 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 is to provide students various opportunities to obtain the knowledge and skills necessary to become proficient in the areas of construction and manufacturing.

- AgriConstruction is designed to lay the foundation for the framing components of a structure, the finishing phase of a structure, metal fabrication, and arc welding.
- 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.
- Industrial Systems and Maintenance Pathway is designed to provide students with the fundamental knowledge and skills needed for the industrial construction industry.
- Welding is designed to develop the knowledge and skills necessary in the welding industry.

Davidson High School

Engineering Pathways Integrated Curriculum (EPIC) is a specialized math and science program that prepares students for post-secondary education in engineering, medicine, geological, physical, meteorological, information technology, and environmental 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 four pathways which best suits their interests and goals for the future.

- Biomedical Engineering is designed to prepare students for the pursuit of careers related to medicine and medical research.
- Computer Science is designed to provide students with opportunities to develop knowledge and skills for the informational technology field.
- Engineering is designed to provide students with experiences in developing skills and awareness of engineering concepts.
- Global and Environmental Studies is intended to give students opportunities to participate in curricula and activities regarding geological, physical, meteorological and environmental fields of study.

LeFlore Magnet High School

The Academy of Law, Arts, and Health Sciences is designed to allow opportunities for developing the sound communication as well as critical thinking skills needed to pursue careers within these areas of focus.

- The Academy of Law provides students with the knowledge and skills to pursue fields in the areas of practicing criminal and civil law and legal research/writing.
- The Academy of Arts exposes students to and participation in the performing and visual arts. It also engages students in challenging curricula where they are able to develop technical skills in the areas of graphic arts, television production, and commercial photography within a safe and innovative setting.
- The Academy of Health Science will provide students with essential knowledge and skills for entering the health care field. It is a competency-based program that utilizes learner-centered instruction and provides opportunities for students to learn skills necessary for a career path in Health Sciences.

Mary G Montgomery High School

Academy of Teaching and Learning is designed to encourage students to explore and pursue careers in the field of education. Students will have multiple opportunities to participate in project-based learning, community service, and extracurricular activities that support the theme of the school. This Academy is organized with four pathways that students can choose:

- Early Childhood Education is designed for students interested in teaching Pre-K through second grade.
- Elementary Education is designed for students interested in teaching elementary-level children.
- Secondary Education is designed for students interested in pursuing education for middle school aged and high school aged students.
- Special Education is designed for students interested in working with special needs students.

Murphy High School

International Studies Signature Academy is designed for high motivated students who have a record of academic ability beginning in middle school.

- International Baccalaureate is an advanced level curriculum. The IB curriculum follows the guideline set by the International Baccalaureate Organization.
- Center for International Studies is a multifaceted pathway that is a college track preparation. The curriculum includes three credits of foreign language and four Advanced Placement courses.

Rain High School

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

- 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 Microsoft Excel, Solid Works, and Engineering Design Problem Solving Process. Students will be challenged with upper level science and math courses. Students will learn how to design aircrafts and robots.

Theodore High School

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 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 the areas of drafting and engineering.

Vigor High School

Information Technology is designed to develop IT technicians to assist companies grow and become innovative in the ever-changing global technology.

- 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 specialists by learning about the essential components of how to create a web site, produce a training video, or design a computer game.

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 will encourage 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 with general engineering design and application as they acquire discipline-specific knowledge that allows them to make informed career choices.
- The Entrepreneurship Academy is comprised of business marketing, hospitality and tourism, music, art and JROTC. The students engage in real-world projects that assist in building the foundation necessary to be successful within these career fields.

For further information regarding the Academy programs available in each high school, please contact the Signature Academy Coordinator in the Career Technical Office at the Central Office or the Signature Academy Specialist at the specific high school

SUMMER SCHOOL

Summer school instruction may be offered for initial credit in Drivers Education (without 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 Secondary Coordinator of Curriculum and Instruction. Students who participate in the MCPSS Summer School program must adhere to the MCPSS Code of Conduct and the summer school guidelines.

Students must attend summer school at the school in which they are currently enrolled. MCPSS currently utilizes GradPoint online program during the high school summer school program. Courses taken using this type program may negatively affect NCAA eligibility requirements.

TECHNOLOGY PROFICIENCY

Department of Instructional Technology, Division of Technology

The state mandates that technology standards are integrated throughout the core curriculum. These standards are presented multiple times within the K–12 curriculum. The State Department of Education requires an on-line component to earn a high school diploma. Beginning with first time 9th grade students in 2013-2014 technology proficiency will be one of the objectives of the Career Preparedness Course.

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 (1) credit. One-half credit may be granted for an elective course of a minimum for 70 clock hours. However, the State Department of Education has granted local school systems some flexibility with the approval of such programs as Credit Recovery and Forty-five Minute (“Skinny”) Block.

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 received prior to beginning any of these programs.** Careful scheduling and consideration must be followed when approving additional credits. Credits earned must be reasonable.

TRANSFER STUDENTS

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

TRANSFERS FROM NON-ACCREDITED AND ACCREDITED SCHOOLS

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
- 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 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 criterion-reference test or designated 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 Curriculum and Instruction for middle school grade placement, 8th grade to 9th grade high school placement, and transfer of high school core credits.

The following represents how the State Department of Education will interpret the existing Alabama Administrative Code (AAC) rule on the topic of accredited and non-accredited schools (memorandum from Joseph Morton, June 24, 2014):

- Accredited schools in Alabama by AdvancED through all of its stated accreditation recognition methods.
- Any school accredited by an agency that is not recognized by AdvancED is not considered an accredited school in Alabama by the State Board of Education or the State Department of Education.
- Any student transferring to an Alabama public school from a private or public school that is AdvancED recognized as being accredited shall have all credits and current class/grade placement accepted without validation upon the receipt of an official Transcript(s).
- Any student transferring to an Alabama public school from a private or public school that is not AdvancED recognized, as being accredited shall follow the AAC procedures for Credit Transfers and class/grade placement of students from non-accredited schools.

PROCEDURES FOR 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).
 - If the parent/guardian agrees with the placement decision, the student shall be placed.
 - 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.
 - Contested credit for core courses shall be transferred as follows:
 - If the parent/guardian disagrees with the placement decision, the principal or his/her designee shall supervise the administration of the school'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 school grading scale, 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 as originally recommended by school officials and no credit shall be transferred for the prerequisite course(s) in that subject.
2. In the event of controversial records/transcripts or the absence of records, the student shall take placement/validation tests consisting of the school's previous semester tests for core courses.

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).

4. Local Board of Education Requirements

All transfer students must meet local board of education graduation requirements.

5. In Mobile County, valid credits are accepted at face value. No accommodations are made to prorate or waive course requirements for graduation for students transferring from schools not following a block schedule.

HOMESCHOOLING

Parents seeking information regarding home schooling should be directed to 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 _____ 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.

**Please see the following two pages for the Request for Validation Testing.

MOBILE COUNTY PUBLIC SCHOOL SYSTEM
DIVISION OF CURRICULUM AND INSTRUCTION
DIVISION OF STUDENT SUPPORT SERVICES

REQUEST FOR VALIDATION TESTING
MIDDLE SCHOOL

The following procedures must be followed for students who are attempting to enroll from non-AdvancED (or affiliated) accredited school situations:

1. Counselor or principal designee request validation testing from Division of Curriculum and Instruction by completing the information below.
2. Counselor or principal designee sends request to fax number, 221-4147, attention Helen Miles.
3. Personnel in Curriculum and Instruction contacts parents to schedule validation testing. Please do not send parents to Central Office without an appointment.
4. Personnel in Curriculum and Instruction sends test results to administrator/counselor originating the request within twenty-four hours after testing is complete.
5. The administrator/counselor notifies parent and student of results and makes necessary adjustments to student's transcript and placement.

Requesting School _____ Date of Request _____

Student Name _____ Student Number _____

Address _____ Phone _____

Date of Birth _____ Email Address _____

Please administer the following validation test/tests to the above named student:

	Test Grade		Test Grade
_____ Language Arts 6	_____	_____ Mathematics 6	_____
_____ Language Arts 7	_____	_____ Mathematics 7	_____

Signature of Counselor or Principal/Designee _____
Date of Request

Completed by C & I Personnel

Grade Placement _____

Special Instructions _____

Signature of C & I Personnel _____
Date of Administration

**MOBILE COUNTY PUBLIC SCHOOL SYSTEM
DIVISION OF CURRICULUM AND INSTRUCTION
DIVISION OF STUDENT SUPPORT SERVICES**

**REQUEST FOR VALIDATION TESTING
HIGH SCHOOL**

The following procedures must be followed for students who are attempting to transfer high school credit from a non-AdvancED (or affiliated) accredited school situation or for students transitioning to high school from non-AdvanceED (or affiliated) accredited school situations (*see pages 55-56 in Educational Planning Guide for High School Students*):

6. Counselor or principal designee request validation testing from Division of Curriculum and Instruction by completing the information below.
7. Counselor or principal designee sends request to fax number, 221-4147, attention Toni Worsham.
8. Personnel in Curriculum and Instruction contacts parents to schedule validation testing. Please do not send parents to Central Office without an appointment.
9. Personnel in Curriculum and Instruction sends test results to administrator/counselor originating the request within twenty-four hours after testing is complete.
10. Grade level counselor notifies parent and student of results and makes necessary adjustments to student's transcript, schedule, and/or placement.

Requesting School _____	Date of Request _____
Student Name _____	Student Number _____
Address _____	Phone _____
	Email _____
Date of Birth _____	Address _____

Please administer the following validation test/tests to the above named student:

	Test Grade		Test Grade
_____ Language Arts 8	_____	_____ World History 9	_____
_____ English 9	_____	_____ U.S. History to Ind. Rev.	_____
_____ English 10	_____	_____ U.S. History Ind. Rev to Pres	_____
_____ English 11	_____	_____ American Government	_____
_____ English 12	_____	_____ Economics	_____
_____ Honors Biology I	_____		
_____ Biology I	_____	_____ Pre-Algebra 8	_____
_____ Physical Science	_____	_____ Algebra 1	_____
_____ CP Chemistry I	_____	_____ Geometry	_____
_____ Other Science (please specify)	_____	_____ Algebra 2	_____
_____	_____	_____ HR Algebra II/Trigonometry	_____
		_____ Other Math (please specify)	_____

Signature of counselor or principal/designee requesting validation test. _____

Signature of C & I Personnel

Date of Administration

Grade Placement _____

WEIGHTING OF GRADES

The Board of School Commissioners has approved the following procedures for weighting of grades and ranking of high school students in Mobile County Public Schools.

Regular courses will be entitled regular or have no designation. For example, a “B” in an Honors course would have the point value to an “A” in regular course.

***IB Courses and AP Capstone Courses	**AP and Dual Enrollment	*Honors, Pre-IB and College Prep	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 = ineligible	E = ineligible	E = ineligible	E = ineligible

In the course description section of this guide, IB (International Baccalaureate), AP Capstone, HR (Honors), AP (Advanced Placement), DE (Dual Enrollment), CP (College Prep), and EPIC courses are designated.

Academic courses are organized at expected levels of student achievement. Several levels of expected achievement are included within most courses. Some courses, such as those designated Honors, Advanced Placement (AP), Dual Enrollment (DE), International Baccalaureate (IB) and AP Capstone, have high achievement levels.

**If a student does not take the AP exam for a particular AP course, he/she would receive only the weight associated with honors level course. Designated counselor is responsible for this task.

Students may not receive weights for courses, which are considered Advanced in other systems but not in Mobile County.

Grade Point Average (GPA) is the average of *all* the grades in *all* the courses the student has taken at the high school level including those courses taken prior to grade 9. (Middle school students can only earn 1 Mathematics credit prior to grade 9. See page 16.)

GUIDANCE PROGRAM

REBECCA M. ELMORE

215-221-4310

Guidance and counseling is an integral part of each school’s total educational program. It is developmental by design and includes sequential activities organized and implemented by certified school counselors with the support of teachers, administrators, students, and parents. The guidance program includes the following:

❖ Guidance Curriculum	❖ Responsive Services
❖ Individual Planning	❖ System Support

The guidance program is designed to address the needs of all students by helping them to acquire competencies in career planning and exploration, knowledge of self and others, and educational and career/technical development.

Educational development is the essence of the school counselor’s mission. A significant portion of the school counselor’s advisement time is spent on educational planning; i.e., course selection and the design of a program of studies for subsequent academic years. Placing students in appropriate courses according to abilities, interest, values, and career aspirations continues to be one of the most serious and vital responsibilities of the school counselor.

The Comprehensive Counseling & Guidance Plan for the Mobile County Public School System emphasizes careers starting with awareness in kindergarten and culminating with College and Career Readiness in high school. In elementary school, students begin to identify their work methods, aptitudes, interests, goals, and career clusters. Secondary students continue to fine-tune their personal interest and talents by looking at specific career clusters and by making career choices based on their own findings.

TESTING

The following is a list of tests available to students in Mobile County:

ACCESS: for English Language Learners

- Administered to students who come from non-English language backgrounds
- Measures proficiency in English
- Used for placement in English as a Second Language Program

ACT: ASPIRE

- Given to 10th grade students
- Assessment given in English, mathematics, reading, science, and writing.

ACT: American College Testing

- Administered to all 11th grade students (beginning 2013-2014) in areas of English, mathematics, reading, science reasoning and writing
- May be taken by college-bound students as part of college-entrance requirements
- Measures performance in English, mathematics, reading, and science reasoning with optional writing section
- Given nationally in September, October, December, February, April, and June; must register four weeks in advance with ACT
- Requires a fee when taken on national test dates

PSAT/NMSQT:

Preliminary Scholastic Aptitude Test and National Merit Scholarship Qualifying Test

- May be taken by college-bound juniors; sophomores may take for practice
- Tests in Mathematics, Reading, and Writing.
- Given in October
- Used by academically talented students to compete for National Merit Scholarship Semi-Finalist standing
- Requires a fee

SAT: Scholastic Aptitude Test 1 or 2 of College Board Tests

- May be taken by college-bound students as part of college-entrance requirements
- Required for consideration as National Merit Scholarship Finalist
- Measure performance in mathematics and English
- Given in October, November, December, January, March, May, and June
- Requires a fee

AP: Advanced Placement Examination

- Should be taken by students enrolled in AP Courses
- Given in May
- May earn college credit
- Requires a fee

IB: International Baccalaureate

- May be taken by college-bound students as part of college-entrance requirements
- May earn advanced placement and course credit in many colleges and university

ASVAB Armed Services Career/Technical Aptitude Battery

- Given to juniors

Career Interest Inventory – KUDER

- Administered to all 8th and 10th graders

GED: General Equivalency Diploma (Contact Bishop State Community College)

- Given to students or adults who have not completed their high school program
- Test Mathematics, Science, English, Social Studies, Literature, and Written Language
- Requires a fee

ACT WORK KEYS

- Given to seniors
- Measures foundational and soft skills necessary in the workforce
- Assessment in Applied Mathematics, Locating Information and Reading for Information

Alabama Alternative Assessment (AAA)

- Administered to students pursuing the Achievement Standards Pathway
- Measures student performance levels in the areas of reading, English language arts, mathematics and science

SPECIAL PROGRAMS

THE PATHWAY STAR ACADEMY

The Pathway Star Academy offers a program to meet the learning needs of over-aged 8th grade students. These students may be experiencing academic difficulties and may experience other challenges that put them “at risk” for dropping out of school. The program is designed to accelerate the students’ learning to place them on their appropriate graduation track. The goals of the faculty and staff are the following:

- Provide intensive instruction to overage 8th grade students.
- Award high school core and/or elective credit(s) to those students who finish the entire program.
- Maintain rigor in all courses.
- Increase the relevance of education through career and technical education courses.
- Increase intrinsic motivation and responsibility to fostering adult-student relationships through counseling and mentoring.
- Assist students in developing their academic and social skills that will lead to future success.
- Work to eliminate barriers to academic success.

ACADEMIC DUAL ENROLLMENT

The Mobile County Public School System, through an agreement with post-secondary institutions, allows eligible high school students to enroll in post-secondary courses in order to dually earn credits for a high school diploma and/or a post-secondary degree at both the high school and participating post-secondary institution. The courses may be offered on the high school campus during the regular school day and taught by qualified teachers who have been certified by the participating post-secondary institution. Eligibility requirements include having a “B” average and having written approval of the principal and superintendent. Students enrolling in a DE Mathematics or DE English course must have a minimum of 20 on the Mathematics and English subtests of the ACT or make a comparable score on the COMPASS placement test given at Bishop State.

TECHNICAL EDUCATION DUAL ENROLLMENT

The Mobile County Public School System, Bishop State Community College and Enterprise Aviation College have an agreement that allows students to receive advanced training in technical fields including Welding, Process and Instrumentation Technology, Electronics, 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. Documentation of dual enrollment must be on file.

ALTERNATIVE EDUCATION

Alternative education is available for students in grades six through twelve as a viable means of continuing education following a serious Student Code of Conduct violation. Students suspended from school long-term (11 days to the end of the semester) may be recommended by the principal to the Division of Student Support Services. Program placement will be determined after a comprehensive review of the student's record.

- *Twilight School*
Regular education students in grades nine through twelve are served at the regular school site in the evening.
- *Continuous Learning Center*
The Continuous Learning Center serves as an alternative educational program for special education students (grades six through twelve) under long-term suspension whose individualized education plan has determined the center as the student's least restrictive environment.
- *POINTE Academy*
POINTE Academy is a day alternative education program for adjudicated youth through Strickland Youth Center. Regular education students and special education students are referred through the juvenile court system and through the school systems to this program.

Additional information may be obtained through the Division of Student Support Services, Terrence S. Mixon, Executive Director, 251-221-4246.

ENGLISH AS A SECOND LANGUAGE (ESL)

English as a Second Language (ESL) is a program offered in Mobile County Public Schools for students who are native speakers of languages other than English. Intensive English classes address student needs in developing listening, speaking, reading, and writing skills. Additional information may be obtained by contacting the ESL Coordinator at 221-5189.

THEMED PROGRAMS

- THE INTERNATIONAL BACCALAUREATE PROGRAM – MURPHY AND DAVIDSON HIGH SCHOOL

The Mobile County Public School System is proud to have International Baccalaureate Programs in two (2) high schools: Murphy High School and Davidson High School.

The International Baccalaureate Diploma program (IB) is a rigorous pre-university course of study that meets the needs of the highly motivated secondary school student. The intention of the IB program is to prepare students to do well in the most demanding collegiate programs by equipping them to learn how to learn, how to analyze, how to reach considered conclusions about people, their languages and literature, their ways in society, and the scientific forces of environment.

To earn an IB diploma, a student must successfully pass international examinations in six areas: Language A (English), Language B, Individuals and Societies, Experimental Sciences, Mathematics, and an elective area. The IB diploma candidate must also take a unique course, Theory of Knowledge, participate in community service, and write an extended essay. Students may apply in the spring of their 8th grade year. Additional information regarding the application process may be obtained by contacting Murphy High School or Davidson High School.

- CENTER FOR INTERNATIONAL STUDIES – MURPHY HIGH SCHOOL

The Center for International Studies (CIS) is a specialized program designed to offer Mobile County students with an opportunity to meet high international academic standards. The program is a college preparatory with the aim of preparing students for post-secondary career goals. CIS offers students the opportunity to study global issues and gain an international perspective. The program designates the following four pathways as broad career areas:

- The International Baccalaureate Program
- Liberal Arts College Preparation
- International Business and Marketing College Preparation
- Travel, Tourism, and Hospitality Services Preparation

Students are required to pursue a college preparatory curriculum in the required core courses and to take a variety of specialized elective courses depending upon the chosen career pathway. Students are, also, required to take a minimum of three credits of a foreign language.

Interested students must complete an application, submit required grade reports and standardized test results, and supply two letters of recommendation. Criteria for acceptance will be based on grade 7 standardized test scores, middle school grades through first semester of grade 8, teacher recommendations, and acceptable discipline. A selection committee will determine placement in the Center for International Studies program.

- UNIVERSITY OF ALABAMA EARLY COLLEGE – MURPHY HIGH SCHOOL

Murphy High School in partnership with the University of Alabama Early College formed the Murphy University Center. The MUC works in conjunction with the signature academy pathways of International Baccalaureate and the Center for International Studies to offer students the opportunity to incorporate University of Alabama Early College classes into their high school curriculum. Starting as early as the sophomore year, students will have the opportunity to qualify and apply for Early College Classes. Requirements are a 3.0 GPA and a benchmark score on the Aspire or ACT standardized test.

The curriculum for Early College students is selected through mutual advising from the MUC and UAEC according to the students planned course of study on the university level. Early College classes will be taken in replacement of or in addition to the regular high school requirements. Early College classes will count as dual (university and high school) credit.

- ENGINEERING PATHWAYS INTEGRATED CURRICULUM (EPIC) – DAVIDSON HIGH SCHOOL

EPIC is a specialized math and science path which will arm students to enter post-secondary education qualified for engineering majors, or other geo-technical, geological, physical, meteorological, or environmental fields, as well as those interested in pursuing education majors in those areas. There will be a strong math and science component, and interested students must commit to the required curriculum of additional math and science coursework as well as enrichment activities. However, all students may select electives from the EPIC menu of courses when those courses fulfill an individual need or career interest. Students making such menu selections should complete an application and indicate that they are seeking to qualify for an EPIC Major (full participation) or EPIC Minor (limited participation for related fields).

College credit for EPIC courses can be earned in several ways. First, EPIC students may take Advanced Placement science and mathematics examinations in May, and those scoring high enough can have scores sent to their college of choice to exempt freshman course hours. Secondly, through an arrangement with the University of South Alabama, students may take a freshman level course for college credit. Other college credit opportunities are being developed as we implement EPIC.

Students must complete an application, available at the school, and return it with a copy of their last report card and latest test scores. Applicants must also provide teacher recommendations from their current year math, science, and language arts teachers, and one teacher of choice. Students will be blind-ranked by Grade Average in pre-requisite courses. A committee of teachers, community members, and one Central Office staff member will review the applications and select students beginning with the highest grade average, until all vacancies are filled. Standardized test scores and teacher recommendations will be considered in cases to ties.

- COLLEGE BOARD’S AP CAPSTONE PROGRAM – BAKER HIGH SCHOOL

Baker High School is one of more than 300 schools worldwide to implement AP Capstone™ - an innovative diploma program that allows students to develop the skills that matter most for their future college success: research,

collaboration, and communication. The program includes a two-course sequence: AP® Seminar and AP Research. Developed in direct response to feedback from higher education faculty and college admission officers, AP Capstone complements the in-depth, subject-specific rigor of Advanced Placement® courses and exams. Students who complete AP Seminar and AP Research with scores of 3 or higher, and receive scores of 3 or higher on four AP Exams in subjects of their choosing, will receive the AP Capstone Diploma™. Students who earn scores of 3 or higher on the two AP Capstone exams but do not take or earn qualifying scores on four additional AP Exams will receive the AP Seminar and Research Certificate™.

- CAMBRIDGE INTERNATIONAL EXAMINATIONS – ALMA BRYANT HIGH SCHOOL

The Cambridge 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.

Students may apply in the spring of their 8th grade year. Additional information about the application process may be obtained by contacting Alma Bryant High School.

SPECIAL 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.

The following exceptionalities are served through the Special Education Program:

- *Autism:* Services depend upon the functioning level of the student.
- *Deaf/Blindness:* Services are provided by the Southwest Alabama Regional School for the Deaf and Blind and are determined by students’ individual needs. If appropriate, services are provided by itinerant teachers on various school sites.
- *Emotional Disability:* Services provide opportunities for behavior management and increased academic achievement.
- *Gifted:* Services are provided through the PACE Program utilizing specialized courses or resources classes with the exception of Council Traditional School and Phillips Preparatory School.
- *Hearing Impairment:* Services are provided by the Southwest Alabama Regional School for the Deaf and Blind and are determined by students’ individual needs. If appropriate, services are provided by itinerant teachers on various school sites
- *Intellectual Disability:* Services are available at all schools with the exception of Eichold Mertz Magnet, Clark-Shaw Middle School, Council Traditional School and Phillips Preparatory School.
- *Multiple Disabilities:* Services are provided at school sites determined by the district.

- *Orthopedic Impairment:* Services are provided at all school sites with the exception of Council Traditional School and Phillips Preparatory School.
- *Other Health Impairment:* Services are provided at all school sites except for Council Traditional School and Phillips Preparatory School.
- *Specific Learning Disability:* Services are provided at all schools except Augusta Evans Special School.
- *Speech/Language Impairment:* Services are provided at all schools with the exception of Council Traditional School and Phillips Preparatory School.
- *Traumatic Brain Injury:* Services are provided at school sites with the exception of Council Traditional School and Phillips Preparatory School.
- *Visually Impairment:* Services are provided by the Southwest Alabama Regional School for the Deaf and Blind and are determined by students' individual needs. If appropriate, services are provided by itinerant teachers on various school sites.
- *Developmental Delay:* Services are provided at site determined by the district.

CAREER AND TECHNICAL EDUCATION

NANCY PRINE

251-221-4023

The Mobile County Public School System operates two Career and Technical Centers. The objective of the two centers is to assist students in obtaining necessary technical preparation for entry-level employment and /or post-secondary training. Each center offers a selection of one-credit courses to students from area comprehensive high schools. The following courses are offered at the centers.

Bryant Career and Technical Center

- | | | |
|-------------------------|--------------------------------|--|
| • Agriscience | • Health Science | • Process and Instrumentation Technology |
| • Automotive Technology | • Heating and Air Conditioning | • Welding |
| • Aviation | • Horticulture | |
| • Cosmetology | • Network Systems | |
| • Electrical Technology | • Plumbing and Pipefitting | |

Faulkner Career and Technical Center

- | | | |
|-------------------------|--------------------------------|-------------------|
| • Auto Collision | • Cosmetology | • Masonry |
| • Automotive Technology | • Electrical Technology | • Network Systems |
| • Aviation | • Health Science | • Welding |
| • Carpentry | • Heating and Air Conditioning | |
| • Child Care Service | • Graphic Arts | |

CAREER AND TECHNICAL EDUCATION PROGRAMS IN COMPREHENSIVE HIGH SCHOOLS

Each comprehensive high school offers a variety of Career and Technical Education courses.

- Aerospace/Aviation – Rain
- Agriscience – Citronelle, Bryant, Montgomery
- Aquaculture – Bryant
- Business, Management, & Administration – Baker, Blount, Bryant, Citronelle, Davidson, LeFlore, Montgomery, Murphy, Rain, Theodore, Vigor and Williamson
- Commercial Photography – LeFlore
- Work-based Learning – Baker, Blount, Bryant, Citronelle, Davidson, Montgomery, Murphy, Theodore and Williamson
- Culinary Arts – Murphy, Montgomery
- Drafting – Davidson, LeFlore, Theodore
- Family Studies & Community Services – Baker, Blount, Citronelle, Davidson, Murphy, Vigor and Williamson
- Finance – Theodore
- Health Science – Blount, Citronelle, Theodore, LeFlore, Bryant CTC, and Faulkner CTC
- JROTC (All Schools)
- Marine Tech – Bryant
- Marketing – Baker, Blount, Bryant, Citronelle, Davidson, Montgomery, Murphy, Theodore and Williamson
- Network Systems – Baker, Theodore, and Vigor
- Television Production – LeFlore
- Welding - Citronelle

TECHNICAL EDUCATION DUAL ENROLLMENT PROGRAM – BISHOP STATE COMMUNITY COLLEGE AND ALABAMA AVIATION COLLEGE

This program is an initiative that will allow Mobile County Public School System (MCPSS) students in grades 10 through 12 to receive advanced training in the technical fields including Welding, Process and Instrumentation Technology, Heating/Ventilation/Air Conditioning (HVAC), Aviation, Graphic Arts, Collision Repair Tech, Diesel/Technology, Drafting and Electronics. These initiatives will promote high academic achievement among Career Technical Education students smooth transitions to post-secondary education,, and increase collaboration between MCPSS, Bishop State Community College, and Alabama Aviation College. Through these initiatives, high school students have the opportunity to earn college credits, certification, and prepare for employment opportunities. Further information and a copy of the application for these programs can be obtained from the local school counseling office or by calling 221-4019.

CAREER AND TECHNICAL EDUCATION PROGRAMS OF STUDY BY CAREER CLUSTERS

AGRICULTURE, FOOD AND NATURAL RESOURCES EDUCATION CLUSTER

Instruction in this cluster provides students with the essential knowledge, high-leveled skills, and training demanded for work. Students interested in this cluster are interested in the planning, implantation, production, and management, or marketing of agriculture, food, and natural resources. Agriscience is the foundations course.

The classroom and laboratory for this cluster provide a safe and appropriate setting for active, structured, and stimulating student learning and assessment. In this cluster, students may choose one of five pathways:

Agribusiness Systems

Animal Systems

Environmental and Natural Resources Systems

Forestry Plant Systems

Power, Structure and Technical Systems

ARCHITECTURE, CONSTRUCTION AND MANUFACTURING CLUSTER

In this cluster, course work leads to careers in drafting design, welding, electrical technology, heating, ventilation, air conditioning, and refrigeration (HVACR), carpentry, cabinetmaking, masonry, plumbing, and pipefitting. Course content includes significant technical depth and incorporates engineering concepts and terminology. Students in grades 9-12 are required to take a foundation course before entering a pathway in this cluster. Foundation courses from all clusters are accepted for entrance into the pathways in this cluster. **Students choose one of three pathways in this cluster.**

**Design and Preconstruction
Construction
Maintenance and Operation**

ARTS, AUDIO-VISUAL TECHNOLOGY AND COMMUNICATIONS CLUSTER

The Arts, Audio-Video Technology and Communications cluster engages students in challenging curriculum whether they are able to develop technical skills in the areas of graphic arts, television production, animation, advertising design, and commercial photography within a safe and innovative setting. Students who chose to complete a pathway in this cluster have the ability to comprehend course materials and laboratory work, projects, and assignments related to the cluster. Courses in this cluster provide students with the knowledge and skills for further education and for employment. The foundation course for this cluster may be offered to all 9-12 grade students; however, it is not required for entering a specific pathway. **Students interested in this cluster choose one of three pathways.**

**Printing Technology
Visual Arts
Audio-Visual Technology and Broadcasting**

BUSINESS, MANAGEMENT & 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. **One pathway is included in this cluster.**

Business, Management, and Administration

EDUCATION AND TRAINING CLUSTER

In the Education and Training Cluster, students choose one of three pathways: Teaching and Training, Early Childhood Education, and 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 help provide the basis for identifying courses and course content for each pathway. Each course contains specific content standards indicating what student 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. **Students interested in this cluster choose one of three pathways.**

**Administration and Administrative Support
Education and Training
Professional Support Services**

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. **One pathway is included in this cluster.**

Banking Services, Accounting, Insurance, Corporate Finance

GOVERNMENT AND PUBLIC ADMINISTRATION CLUSTER—JROTC

This cluster provides students with knowledge and skills that include all areas related to Government and Public Administration. This could include, but is not limited to: JROTC, communications, information technology, leadership, teamwork, including employability and career development. **Students interested in this cluster choose one of two pathways.**

JROTC-ARMY (All Schools)

JROTC-NAVY (All Schools)

HEALTH SCIENCE EDUCATION CLUSTER

The Health Science cluster provides students with essential knowledge and skills for pursuing a career in a health care field. Student will follow the **Therapeutic Services pathway**. The required foundation course, Foundations of Health Science, is offered to all ninth through twelfth grade students.

HOSPITALITY AND TOURISM CLUSTER

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

Lodging

Recreation, Travel, and Tourism

Restaurant and Food and Beverage Services

HUMAN SERVICES CLUSTER

In the Human Services cluster, students choose one of seven pathways: Consumer Services; Fashion; Interior Design; 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. **Students interested in this cluster choose one of seven pathways.**

Consumer Services

Early Childhood Development and Services

Family Studies and Community Services

Fashion

Food, Wellness, and Dietetics

Interior Design

Personal Care Services

INFORMATION TECHNOLOGY CLUSTER

Courses in the Information Technology cluster include significant technical depth, as well as information technology concepts and terminology concepts. Information is also provided regarding possible credentialing or certification. The Foundation course, IT Fundamentals, may be offered to students in grades ten through twelve. **Students interested in this cluster choose one of two pathways.**

Network Systems

Programming and Software Development

MANUFACTURING CLUSTER

These courses provide the knowledge and skills to equip students for careers in industrial maintenance, manufacturing, electronics, precision machining, and robotics. Students must take a foundation course before entering a pathway in this cluster. Foundation courses from all clusters are accepted for entering into pathways in the Manufacturing cluster.

Twenty-two courses are available within the two pathways.

Production

Maintenance Installation and Repair

MARKETING, SALES AND SERVICE CLUSTER

The Marketing, Sales and Service cluster prepares learners for careers in planning, managing and performing marketing activities to reach organizational objectives. The foundation courses, Business Essentials or Business Technology Applications, may be offered to all students in grades ten through twelve. Although not required, students are encouraged to take one of these courses before entering a pathway. **One pathway is included in this cluster.**

Marketing, Sales and Service

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS CLUSTER

As technology continues its rapid expansion, adequately preparing students for engineering-related careers in essential and serves as the primary purpose of this cluster. The Science, Technology, Engineering, and Mathematics cluster classroom and laboratory provide safe and appropriate setting for student exploration and learning. The structured, yet active environment simulates students' creativity and helps them develop the necessary skills for future employment. Foundation courses for the cluster include Foundations of Engineering and Career Cluster Technologies II. **This cluster includes one pathway.**

Engineering and Technology

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS CAREER CLUSTER

The Transportation, Distribution, and Logistics cluster provides students with a range of knowledge and skills that enhance their career opportunities. This pathway includes specialty areas in aviation, power equipment, automotive services, automotive collision repair, diesel engine maintenance and repair, and marine technology. The curriculum is based on recognized industry and professional standards found in national organizations and federal regulations. Foundations of Transportation, Distribution, and Logistics are the foundation course offered to students in grades nine through twelve. **One pathway is included in this cluster.**

Facilities and Mobile Equipment Management

COURSE DESCRIPTIONS

COURSE DESCRIPTION EXPLANATION

Each core course has a different course number. All prerequisite courses are listed by course number and special notes have been provided for certain courses. IB and AP Capstone courses will be designated with three asterisks (***), AP and Dual Enrollment courses will be designated with Two asterisks (**), Honors, Pre-IB and College Prep courses with one asterisk (*), and regular courses with no asterisk.

EXAMPLE:

DESCRIPTION

COURSE #	COURSE TITLE	# OF CREDITS
210010	GEOMETRY	1 CREDIT
This course provides experience that increase students' understanding of shapes and properties with an emphasis on its use in practical tasks, recreations, sciences and the arts. Prerequisite: 210005, 210006, or 210032ax Recommended Next Course: 210015, 210016, or 210017		

MISCELLANEOUS COURSES

802200ci	ACADEMICS SKILLS	1 credit
802200cj	ACADEMIC SKILLS	½ credit
802200ck	ACADEMIC SKILLS (FIFTH BLOCK)	½ credit

This course is designed to provide students with the mathematics skills, reading skills, study skills, and life skills to become better prepared for the rigorous studies in high school.

802200cn	COLLEGE TEST PREPARATION	½ credit
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This course is designed to help students with skills needed to optimize their performance on the PSAT, ACT and/or SAT.

802200cm	COLLEGE TEST PREPARATION 1	½ credit
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This course is designed to help students with skills needed to optimize their performance on the PSAT, ACT and/or SAT.

802200co	COLLEGE TEST PREPARATION 2	½ credit
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This course is designed to help student with additional assistance needed to optimize their performance on the PSAT, ACT, and/or SAT.

802200ch	LITERACY ACROSS THE CURRICULUM	½ Credit
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This half credit course is designed to provide students essential reading practice time they are not able to get in the regular classroom. The Accelerated Reading Program is the recommended literacy tool to provide this reading practice and includes reading, vocabulary, and literacy quizzes.

802200be	FRESHMAN 101	½ Credit
802200bf	FRESHMAN 101	½ Credit
802200bg	FRESHMAN 102	½ Credit
802200bh	FRESHMAN 102	½ Credit

This course is designed to assist students with knowledge and skills to optimize 9th grade success.

802200bi	SOPHOMORE 201	½ Credit
802200bj	SOPHOMORE 201	½ Credit
802200bk	SOPHOMORE 202	½ Credit
802200bl	SOPHOMORE 202	½ Credit

This course is designed to assist students with knowledge and skills to optimize 10th grade success.

802200bm	JUNIOR 301	½ Credit
802200bn	JUNIOR 301	½ Credit
802200bo	JUNIOR 302	½ Credit
802200bp	JUNIOR 302	½ Credit

This course is designed to assist students with knowledge and skills to optimize 11th grade success and maximize planning for post-secondary options.

802200bg	SENIOR 401	½ Credit
802200br	SENIOR 401	½ Credit
802200bs	SENIOR 402	½ Credit
802200bt	SENIOR 402	½ Credit

This course is designed to assist students with knowledge and skill to optimize 12th grade success and complete preparations for post-secondary plans.

802200bu	SENIOR PROJECT SEMINAR	½ Credit
802200by	SENIOR PROJECT SEMINAR	½ Credit

This course is designed to assist students with the senior project process.

Valid Course Number	Long Course Name	Short Course Name	Credit
802111	Strat for Acad Success 5NC	Stra5NC	0.0
802111aa	Strat for Acad Success 5NCSB	Stra5NCSB	0.0
802111ab	Strat for Acad Success 6NC	Stra6NC	0.0
802111ac	Strat for Acad Success 6NCSB	Stra6NCSB	0.0
802111ad	Strat for Acad 7NC	Stra7NC	0.0
802111ae	Strat for Acad 7NCSB	Stra7NCSB	0.0

Strategies for Academic Success (Cr) will be the designed as place holder to allow the scheduling of students through Credit Recovery.

802207 PEER HELPERS 1 Credit

This course is designed to assist in the implementation of a comprehensive Peer Helpers Program.

802200bw HI – Q ACADEMIC TEAM ½ Credit

This course is designed to assist students in the preparation for participation in the Hi-Q Academic Team Program.

802200bx SCHOLARS’ BOWL TEAM ½ Credit

This course is designed to assist students in the preparation for participation in the Scholars’ Bowl Team.

802111aj	SEE GUIDANCE	0 Credit
802111ak	SEE GUIDANCE	0 Credit
802111al	SEE GUIDANCE	0 Credit
802111am	SEE GUIDANCE	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.

802111aa 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 RELEASE 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.

CAREER AND TECHNICAL EDUCATION NANCY PRINE 215-221-4023

CAREER CLUSTERS, PATHWAYS, AND COURSEWORK

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. Courses provide rigor and relevance for students by linking school-based learning with career-related experiences. 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 included in this document 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

The name of the cluster, information regarding optional and foundation courses, pathways for the cluster, a list of all courses within each cluster pathway, other related pathways, and cluster elective courses are included in the Career and Technical Education courses on the following pages.

NOTE: The course numbers listed in the Educational Planning Guide may not reflect all of the course numbers for each course. Additional numbers may be assigned for the same course in special circumstances such as am or pm offerings. Please visit the valid course file in INow for the complete course number listings.
REQUIRED COURSE FOR 9TH GRADE STUDENTS WHO STARTED IN 2013

400025 Career Preparedness

DESCRIPTION OF COURSES

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.

AGRICULTURE, FOOD AND NATURAL RESOURCES EDUCATION ALLEN MERRYMAN 251-221-4027

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.

For questions regarding course descriptions and/or course numbers, please contact CTE at the number listed above.

INDEX OF COURSES

<u>COURSE#</u>	<u>COURSE TITLE</u>
POWER, STRUCTURE AND TECHNICAL SYSTEM	
420009	Agriscience
410001	Two and Four-Stroke Engine
410002	Power Equipment Technology

	410006	Contraction Site Preparation and Foundation
	410007	Construction Framing
	410008	Construction Finishing and Interior Systems
	420012	Introduction to Metal Fabrication
	420014	Introduction to Metal Inert Gas and Flux Cored Arc Welding
	410011	Safety and Health Regulations
ENVIRONMENTAL AND NATURAL RESOURCES SYSTEMS		
	420020	Forestry
	420022	Urban Forestry
	420024	Fish and Wildlife Management
ANIMAL SYSTEMS		
	420035	Aqua Experience
	420037	Aquaculture Science #
	420038	Aquatic Biology
	420020	Introduction to fisheries Technology
PLANT SYSTEMS		
	420053	Plant Biotechnology #
	420054	Greenhouse Production and Management
	420051	Horticultural Science
	420056	Sports Turf grass Production and Management
	420057	Landscape Design and Management
	420059	Residential Landscape Establishment and Maintenance
	420055	Nursery Production and Management
		FORTY – FIVE MINUTE (“SKINNY”) BLOCK (½CREDIT)
	420052	Horticultural Science
	420010	Agriscience
	420011	Two- and-Four-Stroke Engine
	420021	Forestry
	420025	Fish and Wildlife Management
	420036	Aqua Experience
	420013	Introduction to Metal Fabrication
	420021	Forestry
	420031	Animal Science
	420074	Agricultural Communications
	420076	Agribusiness Management

These courses may count as a science credit if taught by a certified science teacher.

DESCRIPTIONS OF COURSES

AGRICULTURE, FOOD AND NATURAL RESOURCES CLUSTER

POWER, STRUCTURE AND TECHNICAL SYSTEMS

420009

AGRISCIENCE

5 Credits

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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

410001 TWO- AND FOUR-STROKE ENGINE 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.

Special Note: Offered at Bryant CTC

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.

Special Note: Offered at Bryant CTC

Grades: 10-12

410006 CONSTRUCTION SITE PREPARATION AND FOUNDATION 1 Credit

Construction Site Preparation and Foundation is a one credit course designed to facilitate student understanding of the site preparation and foundation phase of a structure. Students become familiar with details to begin a new structure. Topics include career opportunities, safety, lumber and materials estimation.

Special Note: Offered at Bryant CTC, Citronelle High School

Grades: 10-12

410007 CONSTRUCTION FRAMING 1 Credit

Construction Framing is a one-credit course designed to facilitate student understanding of the framing phase of a structure. Students become familiar with the framing components of a structure. Topics include career opportunities, safety, lumber, material estimation, floor systems, wall framing, ceiling framing, stair construction, roof framing and roof materials in various structures.

Special Note: Offered at Bryant CTC, Citronelle High School

Grades: 10-12

410008 CONSTRUCTION FINISHING AND INTERIOR SYSTEMS 1 Credit

Construction Finishing and Interior Systems is a one-credit course designed to facilitate student understanding of the finishing phase of a structure. Students become familiar with the exterior and interior finishing of a structure. Topics include career opportunities, safety, windows, doors, plumbing, electrical wiring, insulation, wall coverings, storage and finishes.

Special Note: Offered at Bryant CTC, Citronelle High School

Grades: 10-12

420012 INTRODUCTION TO METAL FABRICATION 1 Credit

Introduction to Metal Fabrication is a course that provides students with opportunities to examine safety and technical information in metal fabrication and to participate in hands-on activities in the laboratory. Topics include career opportunities, safety, identification and selection, metal preparation and finishing, metal cutting, weld quality and shielded metal arc welding (SMAW).

Special Note: Offered at Bryant CTC, Citronelle High School

Grades: 10-12

420014 INTRO TO METAL INERT GAS AND FLUX CORED ARC WELDING 1 Credit

Introduction to Metal Inert Gas (MIG) and Flux-Cored Arc Welding (FCAW) is 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. Topics include career opportunities, safety, planning metal structures, identification and selection and weld quality.

Special Note: Offered at Bryant CTC, Citronelle High School

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.

Special Note: Offered at Bryant CTC, Citronelle, Faulkner CTC, Montgomery

Grades: 10-12

ENVIRONMENTAL AND NATURAL RESOURCES 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, silviculture, and forest products. Specific content standards to be included in each course are indicated in the Course of Study Chart.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery

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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery

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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery

Grades: 10-12

420037 AQUA EXPERIENCE 1 Credit

Aqua Experience is an aquaculture class designed to enhance students' understanding of the aquaculture industry. This course gives students an overview of the scientific research associated with the aquaculture industry and the economic significance aquaculture plays at the local, state, and national levels, including entrepreneurship and related business functions. Additional areas of instruction include career opportunities, safety, water quality management, and system design and maintenance.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery

Grades: 10-12

420037 AQUACULTURE SCIENCE 1 Credit

Students in this one-credit course are introduced to practical applications of both physical and biological concepts and skills. While aquaculture is the cornerstone of this course, the program places heavy emphasis on integration of knowledge to solve problems and broaden depth of understanding about topics such as career opportunities, safety, history, water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation.

Special Note: Offered at Bryant HS,

This course may count as a science credit if taught by a certified science teacher.

Grades: 10-12

420038 AQUATIC BIOLOGY 1 Credit

Aquatic Biology is 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. Topics include career opportunities, safety, history, aquatic species, water management, health and sanitation, biotechnology and aquaculture issues.

Special Note: Offered at Bryant HS

Grades: 10-12

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.

Special Note: Offered at Bryant HS

Grades: 10-12

PLANT SYSTEMS

420053 PLANT BIOTECHNOLOGY 1 Credit

Plant Biotechnology is a one-credit course that provides students with an opportunity to develop an understanding of the principles and practices of plant genetics and biotechnology regarding agriculturally-related products and services. Topics include career opportunities, safety, cellular biology, biotechnology advancement, applied genetics and biotechnology concepts, and social and environmental impacts of biotechnology.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery

This course may count as a science credit if taught by a certified science teacher.

Grades: 10-12

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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

420059 RESIDENTIAL LANDSCAPE ESTABLISHMENT AND MAINTENANCE 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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

420010 AGRISCIENCE ½ 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, past management, woodworking, metalworking, small engines, electrical wiring and plumbing.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

420011 TWO- AND FOUR-STROKE ENGINE ½ Credit

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

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

420025 FISH AND WILDLIFE MANAGEMENT ½ 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.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

420036 **AQUA EXPERIENCE** **½ Credit**

Aqua Experience is an aquaculture class designed to enhance students understanding of the aquaculture industry. This course gives students an overview of the scientific research associated with the aquaculture industry and the economic significance aquaculture plays at the local, state, and national levels, including entrepreneurship and related business functions. Additional areas of instruction include career opportunities, safety, water quality management, and system design and maintenance.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

420031 **ANIMAL SCIENCE** **½ Credit**

Animal Science is a course that provides students with instruction regarding this area of the agricultural industry. Students participate in activities related to the animal science field as they engage in the study of topics such as career opportunities, safety, importance of the livestock industry, breed identification and characteristics, nutrition, disease and parasite control, genetics and reproduction, animal rights versus animal welfare, and specialty animal production and animal products.

Grades: 10-12

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

420074 **AGRICULTURAL COMMUNICATIONS** **½ Credit**

Agricultural Communications is designed to enable students to effectively communicate in agribusiness settings. Topics include career opportunities, effective communication, conflict resolution, group dynamics, goal setting, time management, effective leadership, parliamentary procedure, and supervised agricultural experience programs.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

420076 **AGRIBUSINESS MANAGEMENT** **½ Credit**

Agribusiness Management is a course that provides students with a basis for making effective decisions, setting goals, assessing and solving problems, appraising financial progress and success, evaluating the management of resources, and gaining skills useful in the agricultural industry. Students also evaluate national and international policies, regulations, and values that affect the production and trade of agricultural commodities. Topics include career opportunities, safety, principles of agribusiness economics, financial management, marketing agricultural products, business regulations and entrepreneurship.

Special Note: Offered at Bryant CTC, Bryant HS, Citronelle, Montgomery, Evans

Grades: 10-12

COMMERCE & INFORMATION TECHNOLOGY	Nancy S. Prine	251-221-4023
	Melody Ardis	251-221-4167

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, Sales and Service

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. The foundation course, IT Fundamentals, may be offered to students in grades ten through twelve.

4. MARKETING, SALES AND SERVICE CLUSTER

The Marketing, Sales and Service 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 contact supervisor listed above.

<u>COURSE #</u>	<u>COURSE TITLE</u>
450006	Business Technology Applications (BTA) 1 Credit Foundation Course
450031	Advanced Business Technology Applications
450007	Business Essentials
450011	Law in Society (½ Credit)
410023	Law in Society (1 Credit)
480012	Management Principles (½ Credit)
480011	Management Principles (1 Credit)
410027	Commerce Communication (½ Credit)
410026	Commerce Communication (1 Credit)
450022	Business Finance (½ Credit)
450021	Business Finance (1 Credit)
470011	Banking and Financial Services
470012	Accounting
470013	Advanced Accounting
470021	Financial Management
520005	Information Technology Support & Service
410016	Multimedia Design
410016	Multimedia Design Dual Enrollment
410017	Multimedia Publications
410017	Multimedia Publications Dual Enrollment
410019	Computer Management and Support
520007	Computer Science A, AP
520008	Computer Science Principles (Baker Only)
520021	Networking I
520022	Networking II
520023	Networking III
520024	Networking IV
520015	Software Development
520014	Java Programming

550011	Marketing Principles
550021	Sales and Promotion Planning
400031	Cooperative Education Seminar

It is strongly recommended that the following courses be COMBINED (as indicated below) and offered as a 1-credit courses:

1. Law in Society & Commerce Communications
2. Business Finance & Management Principles

Beginning with the 2009-10 school year, MCPSS will no longer administer a technology proficiency test to 8th grade students.

DESCRIPTION OF COURSES

BUSINESS, MANAGEMENT AND ADMINISTRATION CLUSTER

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

450011 LAW IN SOCIETY ½ Credit
410023 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

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

480012 MANAGEMENT PRINCIPLES ½ Credit

480011 1 Credit

This course is designed to provide students with an understanding of the organizational functions of businesses, including quality concepts, project management, and problem solving. Topics include analyzing functions of management, examining leadership styles, and reviewing organizational structures

Grades: 10-12

FINANCE CLUSTER

450022 BUSINESS FINANCE ½ Credit

450021 1 Credit

This course is designed to provide students with an overview of the principles of business finance. The curriculum focuses on major areas of study, including economics, marketing, accounting procedures, and the global financial market. An integral component of the curriculum is the application of decision-making skills that enable students to become more responsible consumers, producers, or business entrepreneurs.

Grades: 10-12

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

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

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 CLUSTER

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

520005 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, 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

520008 COMPUTER SCIENCE PRINCIPLES 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 the 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

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

MARKETING, SALES AND SERVICE CLUSTER

480027 COMMERCE COMMUNICATION ½ Credit

480026 1 Credit

This course deals with the operation and management of advertising and promotion functions within the marketing system. Students learn how to utilize standard processes to move, store, locate and transfer ownership of goods and services. Students also learn how to disseminate information about products and services of a company to achieve a desired outcome. Students develop an advertising plan, utilize various forms of publicity to promote a product or service, exhibit an understanding of ethical behavior when promoting a product or service, and use appropriate terminology to exhibit a clear and concise understanding of promotion to market a product or service.

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

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

WORK-BASED LEARNING

Nancy S. Prine

251-221-4023

Definition

Work-Based Learning is a structured component of the Career and Technical Education (CTE) curriculum that integrates classroom instruction with productive, progressive, supervised, 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.

Cooperative Education Seminar is a required component of the work-based experience. Students enrolled in Work-Based Learning programs are required to participate in the seminar one class period per week to earn a minimum of one credit.

Purpose/Objective

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.

Prerequisites

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.

Related Instruction

Students participating in Work-Based Learning work-based experiences are required to participate in Cooperative Education Seminar equivalent to one full class period per week. This one-credit course provides students with the opportunity to discuss workplace issues, submit required reports, and create/maintain a career portfolio. Students will develop additional skills in employability, ethics, personal finance, leadership, teamwork, and technical foundations in preparation for future employment or continuing education.

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 employments.
- 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 recommendations 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.

For questions regarding course descriptions and/or course number, please contact supervisor listed above.

INDEX OF COURSES

<u>COURSE #</u>	<u>COURSE TITLE</u>
400031	Cooperative Education Seminar

400031 COOPERATIVE EDUCATION SEMINAR 1 Credit

Cooperative Education Seminar is a required component of the Cooperative Education work-based experience. Students enrolled in Cooperative Education programs are required to participate in seminar one class period per week.

Prerequisite: Recommended that student obtain concentrator status (two courses within a CTE program) prior to enrollment in cooperative education. Grade: 12

FAMILY STUDIES AND COMMUNITY SERVICES Allen Merryman 251-221-4027

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, and 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 help 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.

For questions regarding course descriptions and/or course numbers, please contact the Supervisor listed above.

INDEX OF COURSES

<u>COURSE #</u>	<u>COURSE TITLE</u>
HOSPITALITY AND TOURISM CLUSTER	
500011	Hospitality and Tourism (Foundation Course)
500012	Culinary Arts 1
500013	Culinary Arts 2
500021	Travel and Tourism 1
500022	Travel and Tourism 2
510008	Entrepreneurship in FACS
500014	Baking and Pastry Arts
500015	Event Planning
500023	Sports, Recreation and Entertainment Management
510013	Chemistry of Food
510014	Dietetics
510016	Food Innovations and Media
510017	Sports Nutrition
HUMAN SERVICES CLUSTER	
510004	Family and Consumer Sciences (Foundation Course)
510012	Food and Nutrition (½ Credit)
510011	Food and Nutrition (1 Credit)
410012	Family Wellness (½ Credit)
510013	Chemistry of Food
510014	Dietetics
510021	Child Development (1 Credit)
510022	Child Development (½ Credit)
510023	Parenting (1 Credit)
510024	Parenting (½ Credit)
510025	Child Services 1
510026	Child Services 2
510042	Fashion (½ Credit)
510041	Fashion (1 Credit)
510044	Fashion Design
410015	Fashion Merchandising
500015	Event Planning
510008	Entrepreneurship in FACS
510017	Sports Nutrition
510045	Fashion Media
EDUCATION AND TRAINING CLUSTER	
460009	Education and Training
460013	Early Childhood Education 1
460014	Early Childhood Education 2
460011	Teaching 1
460012	Teaching 2
460015	Education and Training Internship
COSMETOLOGY	
510060	Introduction to Cosmetology
510061	Hair Coloring
510062	Chemical Services
510063	Introduction to Spa Techniques

510064	Advanced Spa Techniques
510065	Salon Practices and Management
510066	Introduction to Nail Care and Applications
510067	Nail Art and Applications
510068	State Board Practicum

DESCRIPTION OF COURSES

HOSPITALITY AND TOURISM CLUSTER

510011 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

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

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

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 the 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

510014 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

500023 SPORTS, RECREATION AND ENTERTAINMENT MGT 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

510008 ENTREPRENEURSHIP IN FACS 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 from 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

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 event. 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.

Grades: 10-12

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

520021 **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

HUMAN SERVICES CLUSTER

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

510032 **FOOD AND NUTRITION** **½ Credit**
510011 **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

410012 **FAMILY WELLNESS** **½ Credit**
Family Wellness is designed for students interested in health issues that impact individuals, families, and communities. Course content provides opportunities for students to explore family health throughout the stages of the life span. Topics include personal and family health goals; health promotion; health risks; communication skills needed in healthy relationships; consumerism; advocacy; mental and emotional health; relationship between nutrition and health; emergency care, first aid, and home safety; disease prevention; chronic health issues.
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

510022 **CHILD DEVELOPMENT** **½ Credit**
510021 **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

510024	PARENTING	½ Credit
510023		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
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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
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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

460011	TEACHING 1	1 Credit
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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
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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

460009	EDUCATION AND TRAINING	1 Credit
<p>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.</p> <p>Prerequisite: None Grades: 10-12</p>		
460013	EARLY CHILDHOOD EDUCATION 1	1 Credit
<p>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</p> <p>Prerequisite: Education and Training Grades: 10-12</p>		
460016	EARLY CHILDHOOD EDUCATION 2	1 Credit
<p>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.</p> <p>Prerequisite: Early Childhood Education Grades: 10-12</p>		
460015	EDUCATION AND TRAINING INTERNSHIP	1 Credit
<p>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 or 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.</p> <p>Prerequisite: Early Childhood Education 2 Grades: 10-12</p>		
510042	FASHION	½ Credit
510041		1 Credit
<p>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.</p> <p>Grades: 10-12</p>		

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

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

COSMETOLOGY SERVICES CLUSTER

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 the 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

TERRIA MOORE

251-221-4018

The Health Science cluster provides students with the essential knowledge and skills for pursuing a career in the Health Sciences. Students choose one of the five Health Science pathways – Therapeutic Services, Health Informatics, Support Services, Diagnostic Services, Biotechnology Research and Development or Biomedical Sciences. The foundation course, Foundations of Health Science, is offered to all ninth-through twelfth-grade students. This course is the prerequisite for all Health Science Pathways, except PLTW. The required course provides essential health care knowledge and skills and promotes the application of science and technology. All pathways in the Health Science cluster can lead to a certificate and/or a business and industry recognized credential. Completion of the 3 course sequence Foundations of Health Science, Therapeutic Services, and Continuum Internship (2 credits) can lead to credentialing by the Alabama Department of Public Health as a Certified Nurse Assistant. Projects, teamwork, and work-based learning opportunities serve as instructional strategies that reinforce the curriculum content.

The Health Science classroom provides a safe and appropriate setting for student exploration and assessment. The rigorous and challenging content of the Health Science cluster lends itself to a variety of instructional strategies, including contextual applications, virtual classrooms, and the use of multimedia. Competency-based, learner-centered instruction enables students to participate in both classroom and on-site practice of skills necessary for a career path in Health Science. The Health Science curriculum provides flexibility in meeting the needs of all students by providing a variety of instructional strategies that include project, community service, leadership and work-based learning experiences.

Students who choose to enter the Health Science field set specific academic goals for meeting the expectations of business and industry. Participation in Health Occupations Students of America (HOSA) helps students achieve these goals while enhancing the development of leadership skills.

For questions regarding course descriptions and/or course numbers, please contact Specialist listed above.

INDEX OF COURSES

<u>COURSE #</u>	<u>COURSE TITLE</u>
490007	Foundations of Health Science (1 Credit) (pre-requisite to all Health Science Therapeutic Pathway Courses)
490021	Health Promotions and Wellness (½ Credit)
490023	Therapeutic Services (1 Credit)
490011	Sports Medicine (1 Credit)
490014	Health Science Internship (2 Credits)
490022	Introduction to Pharmacy (1 Credit)
490042	Principles of Biomedical Science PLTW
490043	Human Body Systems PLTW #
490044	Medical Interventions PLTW
490012	Dental Assisting (1 Credit)
490045	Senior Career Pathway Project, Health Science (1 Credit)
490024	Orientation to Health Science
490015	Human Body Structures (1 Credit) #
410024	Emergency Services (1 Credit)

These courses may count as a science credit if taught by a certified science teacher.

DESCRIPTION OF COURSES

HEALTH SCIENCE CLUSTER

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.

Grades: 10-12

490021 HEALTH PROMOTIONS AND WELLNESS ½ Credit

This course is designed to enable students to develop an understanding of person, client, and community health. The course emphasizes wellness concepts related to positive health behaviors. The course provides a foundation for comprehending preventive health and wellness in the health care delivery system.

Grades: 10-12

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

Grades: 10-12

490011 SPORTS MEDICINE 1 Credit

This course introduces students to the sports medicine profession. Course content specifies core knowledge and skills needed by workers in the sports medicine field. Upon successful completion of the course, students may enroll in the Advanced Health Seminar or the Work-Based Experience Seminar.

Prerequisite: Foundations of Health Science

Grades: 10-12

490014 HEALTH SCIENCE INTERNSHIP 2 Credits

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

Grades: 11-12

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

Grades: 10-12

490042	PRINCIPLES OF BIOMEDICAL SCIENCES PLTW	1 Credit
<p>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.</p> <p>Special Note: This program is currently offered at Montgomery High School.</p> <p>Grades: 10-12</p>		
490043	HUMAN BODY SYSTEMS PLTW	1 Credit
<p>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 Maniken®, 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.</p> <p>Note: Available at Montgomery High School</p> <p>Special Note: This course may count as a science credit if taught by a certified science teacher.</p> <p>Grades: 10-12</p>		
490044	MEDICAL INTERVENTIONS PLTW	1 Credit
<p>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.</p> <p>Note: Available at Montgomery High School</p> <p>Grades: 10-12</p>		
490012	DENTAL ASSISTING	1 Credit
<p>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.</p> <p>Prerequisite: Foundations of Health Science is a prerequisite course.</p> <p>Grades: 10-12</p>		
490045	SENIOR CAREER PATHWAY PROJECT, HEALTH SCIENCE	1 Credit
<p>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.</p> <p>Prerequisite: Foundations of Health Science</p> <p>Grade: 12</p>		
490024	ORIENTATION TO HEALTH SCIENCE	1 Credit
<p>Orientation to Health Science is a one credit course to assist students in making informed decisions regarding their college and career goals. Students will be given the opportunity to apply knowledge and skills related to the Health Science cluster. The course also includes information concerning the practices for promoting, wellness, and disease prevention. Instruction and learning activities are provided in a classroom laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.</p> <p>Grades: 10-12</p>		
490015	HUMAN BODY STRUCTURES AND FUNCTIONS	1 Credit
<p>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</p>		

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

Grades: 10-12

Special Note: This course may count as a science credit if taught by a certified science teacher.

410024 EMERGENCY SERVICES 1 Credit

Emergency Services is 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. Upon successful completion of this course, students may choose to continue studies in a Work Based Experience Seminar.

Prerequisite: Foundations of Health Science

Grades: 11-12

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS EDUCATION Allen Merryman 251-221-4027

The Science, Technology, Engineering, and Mathematics cluster includes one pathway — Engineering and Technology. 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 they 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.

INDEX OF COURSES

<u>COURSE#</u>	<u>COURSE TITLE</u>
560012	Engineering Applications
560011	Foundations of Engineering
560014	Engineering Research and Design
560013	Engineering Systems
560031	Introduction to Robotics
560015	Introduction to Engineering PLTW
560007	Fundamentals of Aerospace Technology PFT
560008	Advanced Aerospace Technology PFT
560009	Aerospace Engineering Applications PFT

560016	Principles of Engineering PLTW
560020	Civil Engineering and Architecture PLTW
560017	Digital Electronics PLTW

DESCRIPTION OF COURSES

560012	ENGINEERING APPLICATIONS	1 Credit
<p>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</p>		
560011	FOUNDATIONS OF ENGINEERING	1 Credit
<p>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</p>		
560014	ENGINEERING RESEARCH AND DESIGN	1 Credit
<p>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: 11-12</p>		
560013	ENGINEERING SYSTEMS	1 Credit
<p>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. Prerequisite: Algebra 2/Trigonometry Grades: 11-12</p>		
540032	INTRODUCTION TO ROBOTICS	1 Credit
<p>A one-credit course 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</p>		
560015	INTRODUCTION TO ENGINEERING PLTW	1 Credit
<p>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</p>		
560007	FUNDAMENTALS OF AEROSPACE TECHNOLOGY PFT	1 Credit
<p>A one-credit course designed to prepare students for careers and further study in aerospace technologies and related industries. Students apply fundamental concepts and principles of atmospheric flight to authentic situations. Emphasis is placed on propulsion systems, ballistic projectiles, and airplane wing design. Grades: 10-12</p>		
560008	ADVANCED AEROSPACE TECHNOLOGY PFT	1 Credit
<p>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</p>		

related to atmospheric and space flight. Emphasis is placed on pneumatic projectiles, aerodynamic forces, and quality management.

Prerequisite: Fundamentals of Aerospace Technology.

Grades: 10-12

560009	AEROSPACE ENGINEERING APPLICATIONS PFT	1 Credit
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A one-credit course that provides opportunities for students to develop projects with NASA-aerodynamics, astronautics, space-life sciences, and systems engineering.

Grades: 10-12

560016	PRINCIPLES OF ENGINEERING PLTW	1 Credit
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Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Grades: 10-12

460020	CIVIL ENGINEERING AND ARCHITECTURE PLTW	1 Credit
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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
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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 in industry, including logic gates, integrated circuits, and programmable logic devices.

Grades: 10-12

ARCHITECTURE AND CONSTRUCTION	Allen Merryman	251-221-4027
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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.

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

INDEX OF COURSES

ARCHITECTURE, CONSTRUCTION AND MANUFACTURING CLUSTER	
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DESIGN AND PRECONSTRUCTION

<u>COURSE#</u>	<u>COURSE TITLE</u>
430004	Architecture Construction, and Manufacturing
410005	Introduction to Drafting Design
430010	Intermediate Drafting Design

430011	Advanced Drafting Design
430013	Introduction to Architectural Design
430014	Intermediate Architectural Design
430015	Advanced Architectural Design
430012	Structural Drafting
410011	Safety and Health Regulations

CONSTRUCTION

410007	Construction Framing
410008	Construction Finishing and Interior Systems
430021	Cabinetmaking 1
430022	Cabinetmaking 2
430023	Cabinetmaking 3
420030	Carpentry 1
430031	Carpentry 2
430034	Carpentry for Residential Interiors
430035	Carpentry for Residential Exteriors
430041	Introduction to Masonry
430040	Block Wall Construction
430043	Composite Masonry Constructions
430044	Commercial Masonry
430046	Masonry Special Applications and Finishes
430047	Specialty Masonry Constructions
430050	Electrical Technology
430051	Basic Wiring
410009	Residential Wiring
430052	Industrial Wiring
430053	Commercial Wiring
430054	Motor Control
430055	Advanced Motor Control
430057	National Electrical Code and Journeyman's Preparation
430058	Direct Current
430059	Alternating Current
430070	Introduction to Welding
430071	Applied Welding 1 with Plasma Arc Cutting
430072	Applied Welding 2 with Plasma Arc Cutting
430075	Gas Metal Arc Welding
430076	Flux Cored Arc Welding
430077	Gas Tungsten Arc Welding 1
430078	Gas Tungsten Arc Welding 2

MAINTENANCE AND OPERATION

430091	Plumbing and Pipefitting 1
430092	Plumbing and Pipefitting 2
430093	Plumbing and Pipefitting 3
430122	Basic Compression Refrigeration
430121	Introduction to Heating, Ventilation, Air-Conditioning, and Refrigeration
430123	Heating, Ventilation, Air-Conditioning, and Refrigeration Maintenance
430124	Introduction to Electricity for Heating, Ventilation, Air-Conditioning and Refrigeration Systems
430125	Heating, Ventilation, Air-Conditioning Refrigeration Electrical Components and Controls
430126	Refrigerants
430127	Commercial Refrigeration
430128	Heating and Heat Pump

ARTS, A/V TECHNOLOGY AND COMMUNICATIONS CLUSTER

COURSE# COURSE TITLE

PRINTING TECHNOLOGY

440011	Introduction to Graphic Arts Technology
440012	Digital File Preparation
440013	Advanced Digital File Preparation and Output
440014	Camera, Image Assembly, and Platemaking
440015	Offset Press Operations
440016	Binding and Finishing
440019	Television Production Studio Operations
440020	Television Production Photography and Editing
440021	Advanced Television Production
440018	Introduction to TV Production
440032	Digital Design
440033	Graphic Illustration
440034	Studio and Portfolio

VISUAL ARTS

440044	Storyboarding
440051	Introduction to Commercial Photography
440052	Medium Format Photography
440053	Large Format Photography

MANUFACTURING CLUSTER

COURSE# COURSE TITLE

DESIGN AND PRECONSTRUCTION

540011	Industrial Systems and Maintenance 1
540012	Industrial Systems and Maintenance 2
540013	Industrial Systems and Maintenance 3
540014	Industrial Systems and Maintenance 4

TRANSPORTATION, DISTRIBUTION AND LOGISTICS CLUSTER

COURSE# COURSE TITLE

FACILITIES AND MOBILE EQUIPMENT MAINTENANCE

570004	Transportation, Distribution, and Logistics
570020	Automotive Engine Performance 1
570021	Automotive Engine Performance 2
570022	Automotive Engine Repair
570023	Automotive Heating and Air-Conditioning
570024	Automotive Manual Drive Train and Axles
570025	Automotive Electrical and Electronic Systems 1
570026	Automotive Electrical and Electronic Systems 2
570027	Automotive Brakes
570028	Automotive Suspension and Steering
570030	Painting and Refinishing 1
570031	Painting and Refinishing 2
570032	Painting and Refinishing 3
570033	Nonstructural Analysis and Damage Repair
570034	Nonstructural Analysis and Damage Repair 2
570035	Structural Analysis and Damage Repair
570036	Collision Repair-Metal Welding and Cutting

570010	Airframe Systems
570011	Aircraft Nonmetallic Structures
570012	Aircraft Theory of Flight and Operation
570013	Aviation Turbine Engine Theory and Inspections
570014	Aircraft Engine and Propeller Theory and Operation
570015	Aircraft Sheet Metal Structures
570016	Aviation Instrument and Hydraulic Systems
570017	Aircraft Welding

DESCRIPTION OF COURSES

ARCHITECTURE, CONSTRUCTION AND MANUFACTURING CLUSTER

430004 ARCHITECTURE, CONSTRUCTION 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

DESIGN AND PRECONSTRUCTION CLUSTER

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 ARCHITECTURAL 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

CONSTRUCTION CLUSTER

410007 CONSTRUCTION FRAMING 1 Credit

Construction Framing is a one-credit course designed to facilitate student understanding of the framing phase of a structure. Students become familiar with the framing components of a structure. Topics include career opportunities, safety, lumber, material estimation, floor systems, wall framing, ceiling framing, stair construction, roof framing, and roof materials in various structures. Content standards for this course are not intended to serve as the entire curriculum. Teachers are encouraged to expand the curriculum beyond the limits of these content standards to accommodate specific community

interests and utilize local resources. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems. Safety concepts are integrated into instruction to the maximum extent possible.

Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC

Grades: 10-12

410008 CONSTRUCTION FINISHING AND INTERIOR SYSTEMS 1 Credit

This course is designed to facilitate student understanding of the finishing phase of a structure. Students become familiar with the exterior and interior finishing of a structure. Topics include career opportunities, safety, windows, doors, plumbing, electrical wiring, insulation, wall coverings, storage, and finishes. Content standards for this course are not intended to serve as the entire curriculum. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems. Safety concepts are integrated into instruction to the maximum extent possible.

Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC

Grades: 10-12

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

430030 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

430031 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

430034	CARPENTRY FOR RESIDENTIAL INTERIORS	1 Credit
<p>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; wall covering; drywall finishing; and interior door, ceiling, window and cabinet installations.</p> <p>Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC</p> <p>Grades: 10-12</p>		
430035	CARPENTRY FOR RESIDENTIAL EXTERIORS	1 Credit
<p>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, exterior finishes, roofing applications and thermal and moisture protection.</p> <p>Special Note: Course offered at Bryant CTC, Faulkner CTC, and CLC</p> <p>Grades: 10-12</p>		
430041	INTRODUCTION TO MASONRY	1 Credit
<p>Introduction to Masonry is a one-credit course designed to provide students with the basic knowledge and skills of masonry. Emphasis is placed on safety, tools of trade, measuring, blueprint reading and layout, and masonry wall construction. Upon successful completion of this course, students demonstrate basic block and brick construction techniques.</p> <p>Special Note: Course offered at Faulkner CTC</p> <p>Grades: 10-12</p>		
430040	BLOCK WALL CONSTRUCTION	1 Credit
<p>This one-credit course is designed to provide students with the fundamental knowledge and skills for constructing a block wall. Emphasis is placed on job safety, interpretation of drawings and specifications, footing and site preparation, estimation of materials and supplies needed for a block wall construction, and jointing and pointing.</p> <p>Special Note: Course offered at Faulkner CTC</p> <p>Grades: 10-12</p>		
430043	COMPOSITE MASONRY CONSTRUCTION	1 Credit
<p>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, interpretation of blueprints, estimation of materials and supplies, and demonstration of construction applications.</p> <p>Special Note: Course offered at Faulkner CTC</p> <p>Grades: 10-12</p>		
430044	COMMERCIAL MASONRY	1 Credit
<p>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, blueprint interpretation, foundations and piers, wall construction and bonding and estimation of material and supplies needed for commercial masonry project completion.</p> <p>Special Note: Course offered at Faulkner CTC</p> <p>Grades: 10-12</p>		
430046	MASONRY SPECIAL APPLICATIONS AND FINISHES	1 Credit
<p>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 and demonstration of a variety of special applications and finishes in masonry including decorative accents.</p> <p>Special Note: Course offered at Faulkner CTC</p> <p>Grades: 10-12</p>		
430047	SPECIALTY MASONRY CONSTRUCTION	1 Credit
<p>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, chimney construction and decorative designs, including mantels, hearths, and garden features.</p> <p>Special Note: Course offered at Faulkner CTC</p> <p>Grades: 10-12</p>		

430050	ELECTRICAL TECHNOLOGY	1 Credit
<p>This one-credit course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. The course emphasizes safety while addressing basic electrical theory, National Electrical Code (NEC), terminology, conductors, circuit construction, basic alternating current, reactive circuit, and troubleshooting circuits.</p> <p>Special Note: Course offered at Bryant CTC, and Faulkner CTC</p> <p>Grades: 10-12</p>		
430051	BASIC WIRING	1 Credit
<p>This one-credit course is designed to provide students with fundamental knowledge and skills in basic wiring. The course emphasizes safety while addressing topics such as shop rules, job opportunities, safety, tools, hand bending, fasteners and anchors, raceways, boxes, fittings, commercial and industrial wiring, wiring applications, and basic motors. Upon successful completion of this course, students are able to understand circuitry and perform basic wiring patterns. In addition, students understand how to use the National Electric Code (NEC).</p> <p>Special Note: Course offered at Bryant CTC, and Faulkner CTC</p> <p>Grades: 10-12</p>		
410009	RESIDENTIAL WIRING	1 Credit
<p>This one-credit course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. This course emphasizes safety, grounding, conduit and electrical metallic tubing bending, boxes and fittings, conductor installation, conductor termination and splices, installation of electrical services, circuit breakers and fuses, and residential wiring systems. Upon successful completion of this course, students are able to wire a house with limited supervision.</p> <p>Special Note: Course offered at Bryant CTC, and Faulkner CTC</p> <p>Grades: 10-12</p>		
430052	INDUSTRIAL WIRING	1 Credit
<p>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; cable tray, contractors and relays; industrial load calculations; raceway, box and fitting fill requirements; lamps, ballasts, and components; and industrial conduit bending. Upon successful completion of this course, students assist in wiring and commercial building with supervision.</p> <p>Special Note: Course offered at Bryant CTC, and Faulkner CTC</p> <p>Grades: 10-12</p>		
430053	COMMERCIAL WIRING	1 Credit
<p>This one-credit course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. Students learn concepts related to distribution equipment, distribution systems transformers, hazardous locations, load calculations for feeders and service, and standby and emergency systems. Upon successful completion of this course, students assist in wiring a commercial building with supervision</p> <p>Special Note: Course offered at Bryant CTC, and Faulkner CTC</p> <p>Grades: 10-12</p>		
430054	MOTOR CONTROL	1 Credit
<p>Motor Control is a one-credit course designed to provide students with the fundamental skills and knowledge needed for career opportunities in this area of the electrical industry. Emphasis is placed on safety, calculations, relays, schematic diagrams, electronic theory and components, alternating current and direct current motors, fire alarms, transformers, and basic logic controllers. Upon successful completion of this course, students complete basic tasks related to the electric motor industry. Students also troubleshoot electrical motor problems.</p> <p>Special Note: Course offered at Bryant CTC, and Faulkner CTC</p> <p>Grades: 10-12</p>		
430055	ADVANCED MOTOR CONTROL	1 Credit
<p>This one-credit course is designed to provide students with the fundamental knowledge and skills needed in the electrical industry. Emphasis is placed on job safety, maintenance, motor components, advanced controls, high voltage terminations,</p>		

heat tracing, and freeze protection. Upon successful completion of this course, students are able to perform basic tasks related to the electric motor industry.

Special Note: Course offered at Bryant CTC, and Faulkner CTC

Grades: 10-12

430057 NATIONAL ELECTRICAL CODE AND JOURNEYMAN'S PREPARATION 1 Credit

This one-credit course is designed to provide students with fundamental knowledge and skills needed for this area of the electrical industry. Students have opportunities to learn code requirements for hazardous locations, modular home communities, garages, theaters, hospitals, airport hangers, service stations, explosion-proof applications, and special equipment. Upon successful completion of this course, students are able to understand and use the National Electrical Code (NEC) in preparation for the Journeyman's Competency Test.

Special Note: Course offered at Bryant CTC, and Faulkner CTC

Grades: 10-12

540014 SEMI CONDUCTORS 1 Credit

This one-credit course is designed to provide students with instruction on job safety and characteristics and uses of semiconductors, symbols, semiconductor circuits, and analog circuits.

Special Note: Course offered at Bryant CTC, and Faulkner CTC

Grades: 10-12

430058 DIRECT CURRENT 1 Credit

This one-credit course is designed to provide students with the fundamental knowledge and skills for this area of the electrical industry. Emphasis is placed on job safety, sources, terminology and symbols, components of a basic circuit, electrical quantities and measurements, characteristics of resistors, Ohm's law in direct current circuits, circuit construction, and troubleshooting. Upon successful completion of this course, students perform basic tasks related to the electrical industry.

Special Note: Course offered at Bryant CTC, and Faulkner CTC

Grades: 10-12

430059 ALTERNATING CURRENT 1 Credit

This one-credit course is designed to provide students with fundamental knowledge and skills needed in the electrical industry. Emphasis is placed on job safety, terminology and symbols, magnetism, electrical quantities, Ohm's law in alternating current circuits, and reactive circuits. Upon successful completion of this course, students are able to perform basic tasks related to the electrical industry.

Special Note: Course offered at Bryant CTC, and Faulkner CTC

Grades: 10-12

430070 INTRODUCTION TO WELDING 1 Credit

This a one-credit course that provides students with a fundamental understanding of welding safety, basic shielded metal arc welding, blueprint reading, weld symbols, and identification of shop equipment. Students acquire knowledge for safe operation of shielded metal arc welding processes and oxy-fuel cutting. Upon successful completion of this course, students are able to interpret lines, views, and dimensions of weld joint configurations and weld symbols; identify oxy-fuel cutting equipment and components; determine proper setup of equipment for application; identify safety hazards and welding equipment related to shielded metal arc welding; and make quality welds with E-6010 and E-7018 electrodes in the flat, horizontal, vertical, and overhead positions.

Special Note: Course offered at Bryant CTC, Faulkner CTC, Williamson, Citronelle, and Bryant High Schools

Grades: 10-12

430071 APPLIED WELDING 1 WITH PLASMA ARC CUTTING 1 Credit

This one-credit course provides students with instruction regarding safety and terminology in the shielded metal arc welding (SMAW) process, equipment identification, setup and operation of plasma arc equipment, and reading and interpreting detailed drawings. Emphasis is placed on striking and controlling the arc and proper fitting of weld joints. Upon successful completion of this course, students are able to perform fillet welds in the 1-F and 2-F positions with E-6010 and E-7018

electrodes in accordance with the American Welding Society (AWS) D1.1 codes. Students identify safety hazards, gases, and equipment, and practice the operation of manual plasma arc cutting equipment while observing safety precautions.

Prerequisite: Introduction to Welding

Special Note: Course offered at Bryant CTC, Faulkner CTC, Williamson, Citronelle, and Bryant High Schools

Grades: 10-12

430072 APPLIED WELDING 2 WITH CARBON ARC CUTTING 1 Credit

This one-credit course introduces students to the proper setup and operation of shielded metal arc welding (SMAW) equipment in the vertical, 3-F and overhead, 4-F positions. Emphasis is placed on striking and controlling the arc. Proper setup and operation of manual air carbon and gouging and cutting operations on plain carbon steel are addressed. Upon successful completion of this course, students are able to perform fillet welds in the vertical, 3-F and overhead, (4-F) positions with E-6010 and E-7018 electrodes in accordance with the AWS D1.1 code and produce industry quality cuts with carbon arc cutting equipment.

Special Note: Course offered at Bryant CTC, Faulkner CTC, Williamson, Citronelle, and Bryant High Schools

Grades: 10-12

430075 GAS METAL ARC WELDING 1 Credit

This is a one-credit course that provides instruction on the various transfer methods of Gas Metal Arch Welding GMAW fillet welds. Topics include safety, equipment setup, joint design and preparation, and gas flow rates. Upon successful completion of this course, students are able to perform fillet welds in the flat fillet, 1-F, horizontal fillet, 2-F, vertical up-and-down fillet, 3-F, and overhead fillet weld, 4-F, positions. While students are encouraged to continue welding courses in sequence, students may, with teacher's permission and in accordance with local industry needs, begin this course upon successful completion of the prerequisite course, Applied Welding I with Plasma Arc Cutting.

Prerequisite: Applied Welding 1 with Plasma Arc Cutting

Special Note: Course offered at Bryant CTC, Faulkner CTC, Williamson, Citronelle, and Bryant High Schools

Grades: 10-12

430076 FLUX CORED ARC WELDING 1 Credit

This is one-credit course that introduces students to flux cored arc welding (FCAW) process. Emphasis is placed on safe operating practices and on handling and storage of compressed gases. Topics include safety, equipment setup, joint design and preparation, and gas flow rates. Students demonstrate manual welding skills on carbon steel using the FCAW process in the flat fillet (1-F), horizontal fillet (2-F), vertical fillet (3-F), and overhead fillet (4-F) weld positions. Upon successful completion of this course, students are able to make quality welds in the 1-F, 2-F, 3-F, and 4-F positions.

Prerequisite: Applied Welding 1 with Plasma Arc Cutting

Special Note: Course offered at Bryant CTC, Faulkner CTC, Williamson, Citronelle, and Bryant High Schools

Grades: 10-12

430077 GAS TUNGSTEN ARC WELDING 1 1 Credit

This is a one-credit course that provides students with instruction and hands-on activities utilizing the Gas Tungsten Arc Welding (GTAW) process for producing fillet welds in the flat, 1-F, and horizontal, 2-F, positions using both ferrous and non-ferrous metals according to AWS D1.1 code. Topics include safety of operation and setup of GTAW equipment and the selection of tungsten, polarity, shielding gas, and filler metals. Upon successful completion of this course, students are able to produce fillet welds on ferrous and non-ferrous metal using the GTAW process according to AWS code D1.1.

Prerequisite: Gas Metal Arc Welding AND Flux Core Arc Welding

Special Note: Course offered at Bryant CTC, Faulkner CTC, Williamson, Citronelle, and Bryant High Schools

Grades: 10-12

430078 GAS TUNGSTEN ARC WELDING 2 1 Credit

This is a one-credit course that provides students with instruction and hands-on activities utilizing the Gas Tungsten Arc Welding (GTAW) process for producing fillet welds in the vertical, 3-F, and overhead, 4-F, positions, using both ferrous and non-ferrous metals according to AWS D1.1 code. Topics include safe of operation of GTAW equipment; equipment setup;

and selection of tungsten, shielding gas, and filler metals. Upon successful completion of this course, students are able to produce fillet welds on ferrous and non-ferrous metals using the GTAW process according to AWS code D1.1.

Prerequisite: Gas Tungsten Arc Welding 1

Special Note: Course offered at Bryant CTC, Faulkner CTC, Williamson, Citronelle, and Bryant High Schools

Grades: 10-12

MAINTENANCE AND OPERATION CLUSTER

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

430122 BASIC COMPRESSION REFRIGERATION 1 Credit

This one-credit course introduces students to different components of refrigeration systems and the function of each component. Emphasis is placed on physical science concepts involved in the operation of a refrigeration system. Students enrolled in this course exhibit a mechanical aptitude as well as the ability to comprehend both verbal and hands-on instruction. Students display an ability to comprehend informational reading text and transfer that information to a drawing to illustrate refrigerant flow throughout the refrigeration system. Students exhibit mathematical skills used in converting from one scale to another. They also perform basic functions used in formulas. Instruction consists of individual and group classroom instruction and laboratory activities. Students gain knowledge of the theory of thermodynamics and physical science used in the heating, ventilation, air-conditioning, cooling, and refrigeration (HVACR) industry. Upon completion of this course, students draw and label parts of a refrigeration system and explain the operation of each component.

Prerequisite: Introduction to HVACR

Special Note: Course offered at Faulkner CTC, and Bryant CTC

Grades: 10-12

430121	INTRODUCTION TO HEATING, VENTILATION, AIR-CONDITIONING AND REFRIGERATION	1 Credit
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Introduction to Heating, Ventilation, Air-Conditioning and Refrigeration (HVACR) is a one-credit course that introduces students to the basic skills used in the HVACR industry. Students enrolled in this course exhibit a mechanical aptitude, are able to comprehend written, verbal, and hands-on instruction; display the ability to visualize a completed projects; and possess the physical dexterity to use basic hand tools. Instruction in this course consists of both individual and group classroom and laboratory activities. Instruction provides students with the knowledge and skills used throughout the HVACR industry and other trades. Upon completion of this course, students exhibit skills in mathematics, hand tools, torches, and tools particular to the HVACR industry.

Special Note: Course offered at Faulkner CTC, and Bryant CTC

Grades: 10-12

430123	HEATING, VENTILATION, AIR-CONDITIONING AND REFRIGERATION MAINTENANCE	1 Credit
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This is a one-credit course that introduces students to concepts used in preventing breakdown in heating, ventilation, air-conditioning, and refrigeration (HVACR) systems. Emphasis is placed on interpreting information gathered about the system and using that information to prevent further breakdowns. Students enrolled in this course possess a mechanical aptitude as well as the ability to comprehend both written and verbal communication. They are able to read and write reports as well as utilize basic mathematic skills. Instruction in this course consists of both individual and group classroom and laboratory activities. Instruction provides students with basic knowledge necessary for performing basic preventive maintenance responsibilities in the HVACR industry. This course combines many skills learned in other courses in the HVACR curriculum. These skills can also be transferred to other areas of study in the Career and Technical Education program.

Prerequisite: Introduction to HVACR

Special Note: Course offered at Faulkner CTC, and Bryant CTC

Grades: 10-12

430124	INTRODUCTION TO ELECTRICITY FOR HEATING, VENTILATION, AIR-CONDITIONING AND REFRIGERATION SYSTEMS	1 Credit
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This is a one-credit course that introduces students to basic knowledge and skills regarding electrical theory, circuitry, and computers as they relate to Heating, Ventilation, Air-Conditioning, and Refrigeration (HVACR). Emphasis is placed on safety and basic concepts of electrical circuits. Students learn to systematically troubleshoot circuits by interpreting wiring diagrams. Students enrolled in this course display good reading, writing, and mathematics skills as well as problem-solving techniques. Students exhibit basic competencies in physical science as it relates to electricity and are able to comprehend both verbal and written instruction. Instruction in this course consists of both individual and group classroom and laboratory activities. Upon successful completion of this course, students demonstrate basic understanding of safety, electrical terms, symbols, laws, and circuit testing instruments.

Special Note: Course offered at Faulkner CTC, and Bryant CTC

Grades: 10-12

430125	HEATING, VENTILATION, AIR-CONDITIONING AND REFRIGERATION ELECTRICAL COMPONENTS AND CONTROLS	1 Credit
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This is a one-credit course that introduces students to electrical components and controls for the heating, ventilation, air-conditioning, and refrigeration (HVACR) system. Emphasis is placed on advanced problem-solving techniques in respect to electrical components and circuitry. Students enrolled in this course possess good problem-solving skills as well as an ability to follow flow charts and diagrams. They also exhibit good reading and writing skills as well as basic mathematics skills. Instruction in this course consists of both individual and group classroom and laboratory activities. Students learn to systematically troubleshoot electrical problems in the HVACR system. Upon completion of this course students demonstrate skills necessary to identify problems and replace defective electrical components in an HVACR system. Skills learned in this course may also be used in other trades.

Prerequisite: Introduction to HVACR

Special Note: Course offered at Faulkner CTC, and Bryant CTC

Grades: 10-12

430126 REFRIGERANTS 1 Credit

Refrigerants is a one-credit course that introduces students to different types of refrigerants and their physical and chemical characteristics. Emphasis is placed on student understanding of different types of refrigerants available in the heating, ventilation, air-conditioning and refrigeration (HVACR) industry and on the rules and regulations enforced by the Environmental Protection Agency (EPA). Students enrolled in this course exhibit good reading comprehension skills and respond well to both verbal and written instructions. They display a working knowledge of physical science and chemistry and are able to understand charts and convert information from one form to another. Instruction in this course consists of both individual and group classroom and laboratory activities. Instruction provides students with knowledge of both chemical and physical reactions and refrigerants used in the refrigeration system. Upon completion of this course, students work with different types of refrigerants in a responsible and legal manner.

Prerequisite: Introduction to HVACR

Special Note: Course offered at Faulkner CTC, and Bryant CTC

Grades: 10-12

430127 COMMERCIAL REFRIGERATION 1 Credit

This one-credit course introduces students to different types of commercial refrigeration equipment such as coolers, ice machines, freezers, and some specialty equipment. Students demonstrate skills used in the service and installation of commercial refrigeration equipment, including mechanical skills, basic mathematics skills, appropriate communications skills, and high-level problem-solving skills. These skills enable students to read information, follow flow charts, and troubleshoot problems. Instruction in this course consists of both individual and group classroom and laboratory instruction with emphasis on advanced problem-solving activities. Upon completion of this course, students demonstrate skills used to service and install commercial refrigeration equipment.

Prerequisite: Introduction to HVACR

Special Note: Course offered at Faulkner CTC, and Bryant CTC

Grades: 10-12

430128 HEATING AND HEAT PUMP SYSTEMS 1 Credit

This a one-credit course that introduces students to the fundamental concept of heating systems and heat pumps. Emphasis is placed on identification and operation of different components and advanced problem-solving techniques. Students learn to troubleshoot problems in gas heat, electrical heat, and heat pumps. Students enrolled in this course are able to read with comprehension both text and diagrams. Basic mathematics skills are required for understanding and analyzing airflow problems. Students use different meters and instruments to obtain information to be used to follow flow charts. Instruction in this course consists of both individual and group classroom and laboratory activities. Upon completion of this course students demonstrate skills necessary for servicing and installing different types of heating systems and their components such as gas piping and refrigerant piping. Students also demonstrate skills necessary to determine proper airflow and airflow characteristics. Special emphasis is given to heat pump components and their operation.

Prerequisite: Introduction to HVACR

Special Note: Course offered at Faulkner CTC, and Bryant CTC

Grades: 10-12

ARTS, A/V TECHNOLOGY AND COMMUNICATIONS

PRINTING TECHNOLOGY CLUSTER

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
<p>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.</p> <p>Prerequisite: Introduction to Graphic Arts Special Note: Course offered at Faulkner CTC Grades: 10-12</p>		
440013	ADVANCED DIGITAL FILE PREPARATION AND OUTPUT	1 Credit
<p>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.</p> <p>Prerequisite: Introduction to Graphic Arts AND Digital File Preparation Special Note: Course offered at Faulkner CTC Grades: 10-12</p>		
440014	CAMERA, IMAGE ASSEMBLY AND PLATE MAKING	1 Credit
<p>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.</p> <p>Prerequisite: Introduction to Graphic Arts Special Note: Course offered at Faulkner CTC Grades: 10-12</p>		
440015	OFFSET PRESS OPERATIONS	1 Credit
<p>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.</p> <p>Prerequisite: Introduction to Graphic Arts Special Note: Course offered at Faulkner CTC Grades: 10-12</p>		
440016	BINDING AND FINISHING	1 Credit
<p>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.</p> <p>Special Note: Course offered at Faulkner CTC Grades: 10-12</p>		
440018	INTRODUCTION TO TELEVISION PRODUCTION	1 Credit
<p>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.</p> <p>Special Note: Course offered at LeFlore Grades: 10-12</p>		

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 and Performing, and 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 the 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

440031 INTRODUCTION TO ADVERTISING DESIGN 1 Credit

Introduction to Advertising Design is a one-credit course that provides students with orientation experiences and laboratory safety for working in an advertising design studio environment both individually and with others. Topics of study include art history, art production, art criticism, design elements and principles, and materials and media utilized in the field or visual communication. Particular emphasis is placed on related academic skills. Successful completion of this course prepares students for the next course in the Advertising Design program, Digital Design. This course or an equivalent visual arts credit is a prerequisite for other courses in the Advertising Design program.

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

Grades: 10-12

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 CLUSTER**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**

Animation layout is a one-credit course that provides students with the opportunity to explore illustration as related to settings, locations, and environments for animated film. Students utilize design principles to create believable environments. Topics include life, landscape, and architectural drawing. Successful completion of this course prepares students for the Storyboarding course and for entry-level careers in Animation Layout.

Prerequisite: Introduction to Animation and Visual Communication OR satisfactory portfolio review by instructor

Special Note: Course offered at LeFlore and B.C. Rain

Grades: 10-12

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

440045	CHARACTER ANIMATION	1 Credit
<p>Character Animation is a one-credit course that provides students with the opportunity to utilize the principles of animation to create animated stories that include characters that appear self-motivated and have their own individual thought processes. Instruction allows students to focus on figure drawing, pantomime and acting, and advanced mechanics in animation. The skills gained in this course prepare students for the Animated Filmmaking course, postsecondary education, and entry level positions in animation.</p> <p>Prerequisite: Introduction to Animation and Visual Communication OR Animation Layout OR Storyboarding OR satisfactory portfolio review by instructor</p> <p>Special Note: Course offered at LeFlore and B.C. Rain</p> <p>Grades: 10-12</p>		
440046	ANIMATED FILMMAKING	1 Credit
<p>Animated Filmmaking is a one-credit course that provides students with the opportunity to produce entertaining animated films utilizing a variety of techniques. Topics include visual development, storyboarding preproduction, animation production, and animation technology. Successful completion of this course prepares students for Advanced Animation Portfolio, post-secondary education, and entry level careers in Animated Filmmaking.</p> <p>Prerequisite: Introduction to Animation and Visual Communication OR Animation Layout OR Storyboarding OR Animation Character Development Design OR Character Animation OR satisfactory portfolio review by the instructor.</p> <p>Special Note: Course offered at LeFlore and B.C. Rain</p> <p>Grades: 10-12</p>		
440047	ADVANCED ANIMATION PORTFOLIO	1 Credit
<p>Advanced Animation Portfolio is a one-credit course that provides students with the opportunity to produce portfolio-quality animation utilizing a variety of techniques. Students critique, judge, and revise previous animation that will be assembled into a final portfolio. Instruction allows students to focus on safety, studio projects, portfolio organization, and employment skills. Students are encouraged to participate in a variety of local, state, and national contests, and present their projects to industry professional and post-secondary educators. Successful completion of this course prepares students for postsecondary education and entry-level positions in animation or related fields.</p> <p>Prerequisite: Introduction to Animation and Visual Communication AND Animation Layout AND Storyboarding AND Animation Character Development Design AND Character Animation AND Animated Filmmaking AND satisfactory portfolio review by the instructor.</p> <p>Special Note: Course offered at LeFlore and B.C. Rain</p> <p>Grades: 10-12</p>		
440051	INTRODUCTION TO COMMERCIAL PHOTOGRAPHY	1 Credit
<p>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.</p> <p>Special Note: Course offered at LeFlore</p> <p>Grades: 10-12</p>		
440052	MEDIUM FORMAT PHOTOGRAPHY	1 Credit
<p>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.</p> <p>Prerequisite: Introduction to Commercial Photography</p> <p>Special Note: Course offered at LeFlore</p> <p>Grades: 10-12</p>		
440053	LARGE FORMAT PHOTOGRAPHY	1 Credit
<p>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</p>		

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

MANUFACTURING

DESIGN AND PRECONSTRUCTION CLUSTER

540011 INDUSTRIAL SYSTEMS AND MAINTENANCE 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 and maintenance, oxyfuel equipment, lubrication, introduction to bearings, copper and plastic piping practices, planning space, and technology and careers. Upon successful completion of this course, students perform basic tasks related to industry.

Special Note: Course offered at Bryant CTC and Citronelle

Grades: 10-12

540012 INDUSTRIAL SYSTEMS AND MAINTENANCE 2 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, mechanical seals, belt and chain drives, bearing, gaskets and packing, pumps, ferrous metal piping practices, piping systems, and couplings. Upon successful completion of this course, students perform basic tasks related to the industry.

Prerequisite: Industrial Systems and Maintenance 1

Special Note: Course offered at Bryant CTC and Citronelle

Grades: 10-12

540013 INDUSTRIAL SYSTEMS AND MAINTENANCE 3 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, valves, basic hydraulic systems, conventional alignment, vibration analysis, and maintenance of valves. Upon successful completion of this course, students perform basic tasks related to the industry.

Prerequisite: Industrial Systems and Maintenance 2

Special Note: Course offered at Bryant CTC and Citronelle

Grades: 10-12

540014 INDUSTRIAL SYSTEMS AND MAINTENANCE 4 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, preventive and predictive maintenance; reverse alignment; laser alignment; troubleshooting and repairing pneumatic equipment and hydraulic equipment; and flow, pressure, level, and temperature. Upon successful completion of this course, students perform basic tasks related to this industry.

Prerequisite: Industrial Systems and Maintenance 3

Special Note: Course offered at Bryant CTC and Citronelle

Grades: 10-12

TRANSPORTATION, DISTRIBUTION AND LOGISTICS

FACILITIES AND MOBILE EQUIPMENT MAINTENANCE CLUSTER

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

570020 AUTOMOTIVE ENGINE PERFORMANCE 1 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

570027 AUTOMOTIVE ENGINE PERFORMANCE 2 1 Credit

Automotive Engine Performance 2 is a one-credit course that provides advanced students with in-depth information regarding general engine diagnosis, computerized engine controls, ignition systems, fuel systems, and emission control systems. Emphasis is placed on system and component operations and diagnosis. Upon successful completion of this 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 environment regulations. This course is the second part of a two-part course requirement for a program to be certified by Automotive Service Excellence (ASE) and the National Automotive Technicians Foundation (NATEF) minimum standards. The content standards, task list, tools and equipment, program hours, and safety standards must meet ASE and NATEF requirements. Content is designed to incorporate changes in ASE and NATEF standards, and advisory council recommendations.

Prerequisite: Automotive Engine Performance 1

Special Note: Course offered at Bryant CTC, Citronelle, and Faulkner CTC

Grades: 10-12

570022 AUTOMOTIVE ENGINE REPAIR 1 Credit

This is a one-credit course that provides students with classroom and laboratory experiences in diagnosing and repairing gasoline engines. Topics include engine disassembly, component identification, inspecting and measuring parts, and engine assembly and repair. Upon successful completion of the course, students are able to diagnose, remove, repair, rebuild, and install an automobile engine. 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. This course is optional for automobile service technology programs. It is not required for the National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task list, tools and equipment, program hours, and safety

standards must meet Automotive Service Excellence (ASE) and NATEF standards. Content is designed to incorporate for changes in ASE and NATEF standards, and advisory council recommendations.

Special Note: Course offered at Bryant CTC, Citronelle, and Faulkner CTC

Grades: 10-12

570023 AUTOMOTIVE HEATING AND AIR-CONDITIONING 1 Credit

This is a one-credit course that provides students with classroom and laboratory experiences regarding system operations, repairs, and service procedures. Topics include electrical, plumbing, and component replacement. Upon successful completion of the course, students are able to remove, install, diagnose, and perform basic heating and air conditioning

repairs. 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 chemical and materials in accordance with local, state, and federal safety and environmental regulations. This course is optional for automobile service technology programs. It is not required for Automotive Services Excellence (ASE) nor the National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task list, tools and equipment, program hours, and safety standards must meet ASE and 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

570024 AUTOMOTIVE MANUAL DRIVE TRAIN AND AXLES 1 Credit

This course is designed to provide students with knowledge regarding the construction and operation of manual transmissions and transaxles. Topics include the study of gear ratios, components, clutches, service, and repair. Upon successful completion of the course, students are able to remove, install, and perform basic drive train and axle repairs. 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 chemical and materials in accordance with local, state, and federal safety and environmental regulations. This course is optional for automobile service technology programs. It is not required for Automotive Service Excellence (ASE) nor the National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task list, tools and equipment, program hours, and safety standards must meet ASE and NATEF standards, and advisory council recommendations.

Special Note: Course offered at Bryant CTC, Citronelle, and Faulkner CTC

Grades: 10-12

570025 AUTOMOTIVE ELECTRICAL AND ELECTRONIC SYSTEMS 1 1 Credit

This is a one-credit course that provides students with classroom and laboratory instruction in electrical and electronic system operations, diagnosis, and repairs. Emphasis is placed on system operations, circuit diagnosis, wiring diagrams, and equipment usage. Upon successful completion of the course, students are able to diagnose and repair electrical and electronic 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. This course is part one of two required courses for a program to be certified by the Automotive Service Excellence (ASE) and the National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task list, tools and equipment, program hours, and safety standards must meet ASE and 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

570026 AUTOMOTIVE ELECTRICAL AND ELECTRONIC SYSTEMS 2 1 Credit

Classroom and laboratory instruction in electrical components operation, diagnosis, and repairs. Upon successful completion of this course, students are able to perform minimum tasks required by the National Automotive Technicians Education Foundation (NATEF) and Automotive Service Excellence (ASE) list. 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.

Special Note: Course offered at Bryant CTC, Citronelle, and Faulkner CTC

Grades: 10-12

570027 AUTOMOTIVE BRAKES 1 Credit

Automotive Brakes is a one-credit course that provides students with classroom and laboratory instruction in electrical accessories and brake system operations, diagnosis, and repairs. Emphasis is placed on accessory diagnosis, hydraulic system diagnosis, disc and drum brake diagnosis, and equipment usage. Upon completion of this course, students are able to repair brake 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. This course is required for a

program to be certified by the Automotive Service Excellence (ASE) and the National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task list, tools and equipment, program hours, and safety standards must meet ASE and NATEF standards, and advisory council recommendations

Special Note: Course offered at Bryant CTC, Citronelle, and Faulkner CTC

Grades: 10-12

570028 AUTOMOTIVE SUSPENSION AND STEERING 1 Credit

This is a one-credit course designed to provide students with a working knowledge of brake assist assemblies, anti-lock systems, suspension systems, and steering systems. Topics include brake diagnosis, steering diagnosis, suspension diagnosis, alignment procedures, and wheel balancing. Upon successful completion of this course, students are able to repair brake suspension and steering 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 environment regulations. This course is optional for auto service technology programs. It is not required for Automotive Service Excellence (ASE) nor the National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task list, tools and equipment, program hours and safety standards must meet ASE and NATEF requirements. The content was 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

This is a one-credit course designed to provide students with an introduction to current technologies in the basic principles of automotive finishes. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; eye protection; tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals in accordance with local, state, and federal safety and environmental regulations. This course incorporates current guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF), including any updates or changes. Content standards provide students with information regarding task lists, tool and equipment lists, program hours, laboratory operation, and safety standards.

Special Note: Course offered at Faulkner CTC

Grades: 10-12

570031 PAINTING AND REFINISHING 2 1 Credit

Painting and Refinishing 2 is a one-credit course that provides students with specialized classroom and laboratory experiences in the application of various topcoats. Instruction and practice are provided regarding the diagnosis and repair of automotive surface defects. Upon successful completion of the course, students properly apply automotive topcoats. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; 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. This course incorporates current guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF), including any updates or changes.

Prerequisite: Painting and Refinishing 1

Special Note: Course offered at Faulkner CTC

Grades: 10-12

570003 PAINTING AND REFINISHING 3 1 Credit

This is a one-credit course designed to provide advanced students with the technology associated with automotive final detail finishes. This course provides students with instruction in the principles of collision cost estimating. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; eye protection; 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. This course incorporates current guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation

(NATEF), including any updates or changes. Content standards provide students with information task lists, tool and equipment lists, program hours, laboratory operation, and safety standards.

Prerequisite: Painting and Refinishing 2

Special Note: Course offered at Faulkner CTC

Grades: 10-12

570033 NONSTRUCTURAL ANALYSIS DAMAGE REPAIR 1 1 Credit

Nonstructural Analysis and Damage Repair 1 is a one-credit course that provides students with current and emerging technologies in analysis and repair of collision-damaged nonstructural components. Emphasis is placed on methods, equipment, and processes used to inspect, measure, repair, and replace nonstructural components. Upon successful completion of the course, students perform basic repairs on automotive nonstructural components. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; eye protection; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. This course incorporates current guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF), including any updates or changes. Content standards provide students with information regarding task lists, tools and equipment lists, program hours, laboratory operation, and safety standards.

Special Note: Course offered at Faulkner CTC

Grades: 10-12

570034 NONSTRUCTURAL ANALYSIS AND DAMAGE REPAIR 2 1 Credit

This is 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. Upon successful completion of the course, students perform advanced repairs in automotive nonstructural components such as outer body panel repair and replacement; moveable glass and hardware, plastics, and adhesives. This course incorporates current guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF), including any updates or changes. Content standards provide students with information regarding task lists, tool and equipment lists, program hours, laboratory operation, and safety standards.

Prerequisite: Non-Structural Analysis and Damage Repair 1

Special Note: Course offered at Faulkner CTC

Grades: 10-12

570035 STRUCTURAL ANALYSIS AND DAMAGE REPAIR 1 Credit

This is a one-credit course that provides students with classroom and laboratory instruction in methods of determining structural misalignment and the processes used to effect repairs. Emphasis is placed on methods, techniques, and equipment employed in the inspection, measurement, and repair of automotive structures, including frame and body and glass components. Upon successful completion of the course, students locate, identify, and repair structural components to factory specifications. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; 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. This course incorporates current guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF), including any updates or changes. Content standards provide students with information regarding task lists, tools, and equipment lists, program hours, laboratory operation, and safety standards.

Special Note: Course offered at Faulkner CTC

Grades: 10-12

570036 COLLISION REPAIR METAL WELDING AND CUTTING 1 Credit

This is a one-credit course that provides students with classroom and laboratory experiences in various automotive cutting and welding processes. Emphasis is placed on safety, plasma arc cutting and oxyacetylene cutting, resistance type spot welding, and metal inert gas welding (MIG). Upon successful completion of this course, students perform automotive cutting and welding procedures safety. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; eye protection; 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. This

course incorporates current guidelines and standards set forth by Automotive Service Excellence (ASE) and the National Automotive Technicians Education Foundation (NATEF), including any updates or changes. Content standards provide students with information regarding task lists, tools and equipment lists, program hours, laboratory operation, and safety standards.

Special Note: Course offered at Faulkner CTC

Grades: 10-12

570010 AIRFRAME SYSTEMS 1 Credit

This one-credit course provides students with basic knowledge and skills related to aircraft systems rigging and weight and balance. Safety is emphasized throughout this course. Students learn the proper use of tools required for performing activities associated with this course. At the conclusion of this course students are able to safely apply techniques to rig and balance aircraft for maintenance activities.

Special Note: Course offered at Bryant CTC, Faulkner CTC

Grades: 10-12

570011 AIRCRAFT NONMETALLIC STRUCTURES 1 Credit

This one-credit course provides students with the basic knowledge and skills to inspect and repair aircraft nonmetallic structures. Safety and proper tool use is emphasized throughout this course. Specific topics include mathematics, wood construction and repair, fabric covering, aircraft finishing, composite structure, aircraft hardware, tools, and materials used to perform various activities related to aircraft nonmetallic structures.

Special Note: Course offered at Bryant CTC, Faulkner CTC, BC Rain

Grades: 10-12

570012 AIRCRAFT THEORY OF FLIGHT AND OPERATION 1 Credit

The purpose of this one-credit course is to provide students with knowledge related to the theory of flight and aircraft operation. Additionally, students are introduced to various tools, hardware, and materials used to maintain aircraft. Safety and proper tool use are emphasized throughout this course. As part of this course, students construct various aircraft models to aid in the transition from theory to application of concepts.

Special Note: Course offered at Bryant CTC, Faulkner CTC, BC Rain

Grades: 10-12

570013 AVIATION TURBINE ENGINE THEORY AND INSPECTIONS 1 Credit

This one-credit course provides students with the basic knowledge and skills associated with aviation turbine engine theory and inspection. Safety and proper tool use is emphasized throughout this course. Specific topics include turbine engine theory, hand tools, inspection techniques, materials used to maintain aircraft, and aircraft hardware.

Special Note: Course offered at Bryant CTC, Faulkner CTC, BC Rain

Grades: 10-12

570014 AIRCRAFT ENGINE AND PROPELLER THEORY AND OPERATION 1 Credit

This one-credit course provides students with basic knowledge and skills associated with aircraft engine and propeller theory and operation. Safety and proper tool use is emphasized throughout this course. Specific topics include engine and propeller theory, aircraft hardware, reciprocation engines, propellers, ground operations, aircraft servicing, tools, and materials. As part of this course, students apply knowledge and skills by performing various tasks related to engine and propeller theory and operation.

Special Note: Course offered at Bryant CTC, Faulkner CTC, BC Rain

Grades: 10-12

570015 AIRCRAFT SHEET METAL STRUCTURES 1 Credit

This one-credit course is for students to obtain the basic knowledge and skills in maintaining aircraft sheet metal structures. Safety and proper tool use is emphasized throughout this course. Specific topics include required computational skills, interpreting technical data, maintenance procedures and processes, tools, and materials. As part of this course students apply their knowledge and skills by performing various projects to fabricate, inspect, and install sheet metal components.

Special Note: Course offered at Bryant CTC, Faulkner CTC, BC Rain

570016**AVIATION INSTRUMENT AND HYDRAULIC SYSTEMS****1 Credit**

This one-credit course provides students with a strong foundation of knowledge and skills related to aircraft instruments and hydraulic systems. Safety and proper tool use is emphasized throughout this course. Specific topics include computational skills, physical science principles, aircraft instrumentation theory and applications, the effect of atmosphere on instruments, theory and application of hydraulic systems, fixed and flexible hydraulic lines, wheel and tire maintenance, installation of aircraft hardware, and various materials and methods for maintaining instruments and hydraulic systems.

Special Note: Course offered at Bryant CTC, Faulkner CTC, BC Rain

Grades: 10-12

570017**AIRCRAFT WELDING****1 Credit**

This course introduces students to materials and techniques used for aircraft welding. Safety and proper tool use are emphasized throughout this course. Specific topics include computational skills, physical science, types of welding tools and their operation, and materials. Students demonstrate their knowledge of gas fuel and electrical arc welding techniques by participating in various aircraft welding activities.

Special Note: Course offered at Bryant CTC, Faulkner CTC, BC Rain

Grades: 10-12

NEW OPTIONAL COURSES FOR NCCER PROGRAMS		
Program	Course #	Course Title
Building Construction	412101	NCCER Building Construction 1 – Construction Framing
	412102	NCCER Building Construction 2 – Site Preparation
	412103	NCCER Building Construction 3 – Construction Finishing
Carpentry	432301	NCCER Carpentry 1
	432302	NCCER Carpentry 2
	432303	NCCER Carpentry 3
Masonry	432701	NCCER Masonry 1
	432702	NCCER Masonry 2
	432703	NCCER Masonry 3
Welding	432501	NCCER Welding 1
	432502	NCCER Welding 2
	432503	NCCER Welding 3
	432901	NCCER Welding 4
HVAC	432902	NCCER HVAC 1
	432903	NCCER HVAC 2
	432904	NCCER HVAC 3
Industrial Maintenance - Mechanical	542521	NCCER Industrial Maintenance – Mechanical 1
	542522	NCCER Industrial Maintenance – Mechanical 2
	542523	NCCER Industrial Maintenance – Mechanical 3
Industrial Maintenance – Electrical Instrumentation	54511	NCCER Industrial Maintenance – E & I 1
	542512	NCCER Industrial Maintenance – E & I 2
	542513	NCCER Industrial Maintenance – E & I 3
Manufacturing	540061	Manufacturing 1
	540062	Manufacturing 2
	540063	Manufacturing 3

Driver 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 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 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.

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

INDEX OF COURSES

<u>COURSE #</u>	<u>COURSE TITLE</u>
290001	Drivers Education/Traffic Safety

290001

DRIVER EDUCATION/TRAFFIC SAFETY

1/2 Credit

This semester 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.

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.

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

<u>COURSE#</u>	<u>COURSE TITLE</u>
200036	Pre English 9 (aa, ab, ac)
200005	English 9
*200006	English 9 Honors
*200007	English 9 Pre-IB
*200007aa	English 9 Pre-AP Capstone
200009	English 10
*200010	English 10 Honors
*200011	English 10 Pre-IB
*200011aa	English 10 Pre-AP Capstone
200013	English 11
*200014	English 11 Honors
**200016	English 11 Grammar/Composition Advanced Placement (aa)
***200015	English 11 International Baccalaureate
200017	English 12
*200018	English 12 Honors
**200020	English Literature/Composition Advanced Placement (aa)
***200019	English 12 International Baccalaureate
**903201	English 12 Dual Enrollment English Composition 1 (ENG101) (ad, ae)
**903202	English 12 Dual Enrollment English Composition 2 (ENG 102) (bi, bj)
***200036ci	AP Capstone Seminar English (cg)
***200036ch	AP Capstone Research English (ci)
200037ay	English Language Enhancement 1 (az, ba)
200037aa	English Language Enhancement 2
200046ac	Speech, Introduction To
200043	Speech 1 (aa, ab, ac)
200044	Speech 2 (aa, ab, ac)
**911801	Speech Dual Enrollment Fundamentals of Public Speaking (SPH107)
***200036cb	AP Capstone Speech and Writing Lab 1 (cc)
***200036cd	AP Capstone Speech and Writing Lab 2 (ce)
200032	Expository Writing (aa, ab)
200023	World Literature (aa, ab)
200026	Mythology 1 (aa, ab)
200026ad	Mythology 2
200031ab	Modern Ethnic/Multicultural Literature (ac, ad)
200037ac	Fundamentals of Reading 1 (ad, ad)
200037ag	Fundamentals of Reading 2 (ai)
200045	Debate (aa, ab)
200046	Student Congress (aa, ab)
200051	Journalism 1 – Newspaper (aa, ab)
200052	Journalism 2 – Newspaper (aa, ab)
200053	Journalism 3 – Newspaper (aa, ab)
200054ad	Journalism 4 – Newspaper (ac, ad)
200054ae	Journalism 5 – Newspaper (af, ag)
200054ah	Journalism 6 – Newspaper (ai, aj)
200054ak	Journalism 7 – Newspaper (al, am)
200054an	Journalism 8 – Newspaper (ao, ap)

802202ab	Journalism 1 – Yearbook (ac, ad)
802202ac	Journalism 2 – Yearbook (af, ag)
802202ah	Journalism 3 – Yearbook (ai)
802202aj	Journalism 4 – Yearbook (ak)
802202al	Journalism 5 – Yearbook (am)
802202an	Journalism 6 – Yearbook (ao, ap)
802202aq	Journalism 7 – Yearbook (ar)
802202as	Journalism 8 – Yearbook (at)
200031ae	African-American Literature (af, ag)
200036ak	Women in Literature (al, am)
200036an	Southern Fiction (ao, ap)
200033	Creative Writing 1 (aa, ab)
200036ah	Creative Writing 2 (ai, aj)
***200036ba	Writing Lab for International Baccalaureate (bb, bc)
**200036be	Writing Lab for Advanced Placement (Literature and Composition) (bf)
**200036bg	Writing Lab for Advanced Placement (Grammar and Composition)
200036ax	A Shakespeare Sampler (ay,az)
200036bq	Writing Workshop (br, bs)
200036bu	A Study of Film 1 (bn)
200036bx	A Study of Film 2
200036bw	A Study of Film IB
200036ad	Communications, Tech Prep (ae, af)

*Honors Courses

**Advanced Placement and Dual Enrollment Courses

***International Baccalaureate Courses and AP Capstone

Half Credit Courses – 45 Minute Block

200037bb	English Language Enhancement 1
200037bb	English Language Enhancement 2
200026ac	Mythology 1A
200026ae	Mythology 1B
200037af	Fundamentals of Reading 1A
200037ah	Fundamentals of Reading 1B
200031	African-American Literature 1A
200031aa	African-American Literature 1B
200039	Creative Writing 1A
200039aa	Creative Writing 2B
200054	Journalism – Newspaper 1A
200054aa	Journalism – Newspaper 1B
802202	Journalism – Yearbook 1A
802202aa	Journalism – Yearbook 1B
***200036bd	Writing Lab for International Baccalaureate 1A
***200036bk	Writing Lab for International Baccalaureate 1B
**200036aq	Writing Lab for Grammar Composition Advanced Placement 1A
**200036aw	Writing Lab for Grammar Composition Advanced Placement 1B
**200036bn	Writing Lab for Literature/Composition Advanced Placement 1A (bo)
**200036bp	Writing Lab for Literature/Composition Advanced Placement 1B
200036bt	Writing Workshop 1A
200036by	Writing Workshop 1B
200046ad	Speech 1A, Introduction to
200046ae	Speech 1B, Introduction to
200037ax	English 9 Connections 1A
200037bc	English 9 Connection 1B
200037	English 10 Connections 1A

200037ab	English 10 Connections 1B
200037aj	English 11 Connections 1A
200037ao	English 11 Connections 1B
200037aq	English 12 Connections 1A
200037as	English 12 Connections 1B

DESCRIPTION OF COURSES

200005 ENGLISH 9 1 Credit

This course includes instruction and practice in all English skills: reading, vocabulary, spelling, reading comprehension, language mechanics, language expression, reference and study skills, and oral expression. Literature is studied for literary skill development, as well as for appreciation.

***200006 ENGLISH 9 HONORS 1 Credit**

This course 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 upon writing in creative, logical, and critical modes.

Prerequisite: Instructor Recommendation

***200007 ENGLISH 9 PRE-INTERNATIONAL BACCALAUREATE 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.

Prerequisite: Acceptance into IB program.

***200007aa ENGLISH 9 PRE-AP CAPSTONE**

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 bibliography.

Prerequisite: Acceptance into AP Capstone Program

Special Note: Currently offered at Baker only

200009 ENGLISH 10 1 Credit

This course 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 expositions with emphasis on organizing ideas.

Prerequisite: English 9

***200010 ENGLISH 10 HONORS 1 Credit**

This course includes all features of English 10 but at a more demanding level with the use of extensive supplementary material. The course promotes academic excellence in English language arts through the study of world literature and through enriched experiences in composition, speech, and listening skills

Prerequisite: English 9 OR English 9 Honors and Instructor Recommendation.

***200011 ENGLISH 10 PRE-INTERNATIONAL BACCALAUREATE 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.

Prerequisite: English 9 Pre-IB

***200011aa ENGLISH 10 PRE-AP CAPSTONE**

This course is a preparatory to the AP Capstone Curriculum. It includes all features of English 10 but 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 included bibliography.

Prerequisite: Acceptance into Capstone Program

Special Note: Currently offered at Baker only

200013 ENGLISH 11 1 Credit

This course continues instruction in English language skills and provides instruction in American literature. Composition emphasizes practice in structural writing of expository essays, documented papers, and informal essays. Literature emphasizes critical analysis of various genres.

Prerequisite: English 9 AND English 10

***200014 ENGLISH 11 HONORS 1 Credit**

This course includes all features of English 11 but at a more demanding level with the use of extensive materials. The course continues instruction in English language skills and provides instruction in American literature. 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.

Prerequisite: Regular English 9-10 AND/OR Honors English 9-10

****200016 ENGLISH 11 GRAMMAR/COMPOSITION AP (aa) 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.

Prerequisite: Instructor Recommendation

Special Note: Students should have taken English 9 Honors AND English 10 Honors

*****200015 ENGLISH 11 INTERNATIONAL BACCALAUREATE (aa, ab) 1 Credit**

The curriculum for IB English covers two years. In IB English 11, the student reads, analyzes, and evaluates masterpieces from world literature. The course increases 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

200017 ENGLISH 12 1 Credit

This course continues instruction in English language skills. Literature includes study and critical analysis of examples from British literature. 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.

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 extensive 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. Composition emphasizes critical analysis and interpretation. Language study includes vocabulary development and language history.

Prerequisite: Regular English 9-11 AND/OR Honors English 9-11 AND Instructor Recommendation.

****200020 ENGLISH LITERATURE/COMPOSITION 12 AP (aa) 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.

Prerequisite: Instructor Recommendation

Special Note: Students should have taken Honors English 9-11

*****200019 ENGLISH 12 INTERNATIONAL BACCALAUREATE (aa, ab) 1 Credit**

This course 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.

Prerequisite: English 11 IB AND acceptance into IB program.

Special Note: Currently offered at Murphy AND Davidson

****903201 ENGLISH 12 DUAL ENROLLMENT 1 Credit**
ENGLISH COMPOSITION 1 (ENG 101) (ad, ae) 3 Semester Hours

This course is designed to be a major writing course. It includes instruction and frequent practice in developing paragraphs and essays, with emphasis on both composing process and final product.

Prerequisite: Students must meet the requirements of dual enrollment program.

****903202 ENGLISH 12 DUAL ENROLLMENT 1 Elective Credit**
ENGLISH COMPOSITION 2 (ENG 102) (bi, bj) 3 Semester Hours

This course includes instruction and frequent practice in developing essays with emphasis on both composing process and final product. The writing assignments are based primarily on a critical analysis of literature. The course also includes instruction in and practice of research skills.

Prerequisite: Satisfactory completion of English 12 Dual Enrollment – English Composition ENG 101

*****200036cf AP CAPSTONE SEMINAR ENGLISH(cg) 1 Elective 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 AP CAPSTONE RESEARCH ENGLISH (ci) 1 Elective 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 AP CAPSTONE SPEECH AND WRITING LAB 1 (cc) 1 Elective 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 AP CAPSTONE SPEECH AND WRITING LAB 2(ce) 1 Elective 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

200037ay	ENGLISH LANGUAGE ENHANCEMENT 1 (az, ba)	1 Credit
This course is for the ninth grade student who scored below proficiency on ACT ASPIRE in reading. The course is structured to include study skills; writing; comprehension skills; and recreational, textual, and functional reading. Prerequisite: Eighth Grade ACT ASPIRE Scores		
200037bb	ENGLISH LANGUAGE ENHANCEMENT 1	½ Credit
This course is for the ninth grade student who scored below proficiency on ACT ASPIRE in reading.. The course is structured to include study skills; writing; comprehension skills; and recreational, textual, and functional reading. Prerequisite: Eighth Grade ACT ASPIRE Scores		
200037aa	ENGLISH LANGUAGE ENHANCEMENT 2	1 Credit
This course 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		
200037bd	ENGLISH LANGUAGE ENHANCEMENT 2	½ Credit
This course is designed for those students who have completed one-half credit English Language Enhancement 1 but still need additional review of reading comprehension, grammar, and writing skills. This course is available to those students in grades nine through twelve. Prerequisite: English Enhancement 1 Special Note: A student may earn one-half elective credit for this course.		
200046ad	INTRODUCTION TO SPEECH	½ Credit
This course offers the student the opportunity to learn basic oral communication skills. Special Note: A student may earn one-half elective credit for this course.		
200043	SPEECH I (aa, ab, ac)	1 Credit
This course 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 II (aa, ab, ac)	1 Credit
This course provides instruction in intermediate skills of formal and informal oral communication. The course includes formal class discussions, public speaking assignments, oral interpretation, elements of debate, and further development and refinement of skills initiated in Speech I		
**911801	SPEECH DUAL ENROLLMENT 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.		
200032	EXPOSITORY WRITING (aa, ab)	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 contrast, and paraphrase and summary. Students will first examine expository models before attempting compositions of their own. Prerequisite: Instructor Approval		
200023	WORLD LITERATURE (aa, ab)	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.		
200026	MYTHOLOGY 1 (aa, ab)	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
<p>This course is designed to provide students with a more in-depth study of world mythology through novels and research. This course will include 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</p>		
200031ab	MODERN ETHNIC/MULTICULTURAL LITERATURE (ac, ad)	1 Credit
<p>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.</p>		
200037ac	FUNDAMENTALS OF READING (ad, ae)	1 Credit
<p>This course is designed to address basic 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.</p>		
200037ag	FUNDAMENTALS OF READING 2 (ai)	1 Credit
<p>This course is a continuation of Fundamentals of Reading and is designed to address basic 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</p>		
200045	DEBATE (aa, ab)	1 Credit
<p>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</p>		
200046	STUDENT CONGRESS (aa, ab)	1 Credit
<p>This course provides extended experience in developing the skills of extemporaneous speaking, debate and interpersonal communication for the academically advanced, college-bound student.</p>		
300031ae	AFRICAN AMERICAN LITERATURE (af, ag)	1 Credit
<p>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.</p>		
200031	AFRICAN AMERICAN LITERATURE 1A	½ Credit
<p>This course exposes students to a wide range of literature from the earliest Black writers in America up to through 1930s. It also gives students an opportunity to read, write, and otherwise encounter the African American Experience. Special Note: A student may earn one-half elective credit for this course.</p>		
200031aa	AFRICAN AMERICAN LITERATURE 1B	½ Credit
<p>This course exposes students to a wide range of literature from the earliest Black writers in America from the 1940s to those of present day. It also gives students an opportunity to read, write, and otherwise encounter the African American Experience. Special Note: A student may earn one-half elective credit for this course.</p>		
200036ak	WOMEN IN LITERATURE (al, am)	1 Credit
<p>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</p>		
200036an	SOUTHERN FICTION (ao, ap)	1 Credit
<p>This course examines the rich Southern literary tradition from the Civil War to the present. The text is primarily short stories, but this is supplemented with folk tales, films, poetry, plays, and essays. Students are expected to analyze a novel by a Southern writer.</p>		

200051	JOURNALISM 1 – NEWSPAPER (aa, ab)	1 Credit
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.		
200052	JOURNALISM 2 – NEWSPAPER (aa, ab)	1 Credit
This course provides practical experience in news-gathering techniques, journalistic writing, and opportunities to explore careers in journalism. Writing practice includes news, sport, feature, and editorial writing. Students will use these skills to publish a school newspaper periodically. Prerequisite: Journalism 1 – Newspaper		
200053	JOURNALISM 3 – NEWSPAPER (aa, ab)	1 Credit
This course provides students with skills necessary to conduct interviews for newspaper reporting. Prerequisite: Journalism 2 - Newspaper		
200054ab	JOURNALISM 4 – NEWSPAPER (ac, ad)	1 Credit
This course develops the journalistic writing skills necessary for newspaper reporting. Prerequisite: Journalism 3 - Newspaper		
200054ae	JOURNALISM 5 – NEWSPAPER (af, ag)	1 Credit
This course provides practical experience in layout design necessary for producing a newspaper. Prerequisite: Journalism 4 - Newspaper		
200054ah	JOURNALISM 6 – NEWSPAPER (ai, aj)	1 Credit
This course further exposes students to careers in journalism and provides opportunities to develop editorial skills Prerequisite: Journalism 5 - Newspaper		
200054ak	JOURNALISM 7 – NEWSPAPER (al, am)	1 Credit
This course provides students with skill necessary to print and market a newspaper. Prerequisite: Journalism 6 - Newspaper		
200054an	JOURNALISM 8 – NEWSPAPER (ao, ap)	1 Credit
This course requires students to implement all skill necessary for the production of a newspaper. Prerequisite: Journalism 7 - Newspaper		
200054	JOURNALISM – NEWSPAPER 1A	½ Credit
This course is designed to assist students in the production of a newspaper. Special Note: A student may earn one-half elective credit for this course.		
200054aa	JOURNALISM – NEWSPAPER 1B	½ Credit
This course is designed to assist students in the production of a newspaper. Prerequisite: Journalism – Newspaper 1A Special Note: A student may earn one-half elective credit for this course.		
808802ab	JOURNALISM 1 – YEARBOOK (ac, ad)	1 Credit
This course provides students with the journalistic and writing skills necessary to produce a school yearbook.		
802202ae	JOURNALISM 2 – YEARBOOK (af, ag)	1 Credit
This course follows Journalism 1 – Yearbook. Students are actively involved in the skills required to produce a school yearbook. Prerequisite: Journalism 1 - Yearbook		
802202ah	JOURNALISM 3 – YEARBOOK (ai)	1 Credit
This course builds on the skills previously learned in Journalism 1 and 2 and further enhances journalistic writing skills. Prerequisite: Journalism 2 - Yearbook		

802202aj	JOURNALISM 4 – YEARBOOK (ak)	1 Credit
This course builds on the skills previously learned in Journalism 1, 2 and 3 provides opportunities for advanced writing and interviewing.		
Prerequisite: Journalism 3 - Yearbook		
802202al	JOURNALISM 5 – YEARBOOK (am)	1 Credit
This course provides experiences in layout design necessary for yearbook production.		
Prerequisite: Journalism 4 – Yearbook		
802202an	JOURNALISM 6 – YEARBOOK (ao, ap)	1 Credit
This course involves the student in advanced writing, interviewing, formatting and design skills required for producing a yearbook.		
Prerequisite: Journalism 5 - Yearbook		
802202aq	JOURNALISM 7 – YEARBOOK (ar)	1 Credit
This course incorporates skills necessary to market and promote a yearbook.		
Prerequisite: Journalism 6 - Yearbook		
802202as	JOURNALISM 8 – YEARBOOK (at)	1 Credit
This course incorporates all skills necessary in producing and marketing a yearbook.		
Prerequisite: Journalism 7 – Yearbook		
802202	JOURNALISM – YEARBOOK 1A	½ Credit
This course is designed to support students with the journalistic and writing skills necessary to produce a school yearbook.		
Special Note: A student may earn one-half elective credit for this course		
802202aa	JOURNALISM – YEARBOOK 1B	½ Credit
This course is designed to support students with the journalistic and writing skills necessary to produce a school yearbook.		
Prerequisite: Journalism – Yearbook 1A		
Special Note: A student may earn one-half elective credit for this course.		
200033	CREATIVE WRITING 1 (aa, ab)	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.		
200036ah	CREATIVE WRITING 2 (ai, aj)	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		
200033ac	CREATIVE WRITING 1A	½ 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 student in grades 10, 11, or 12.		
Special Note: A student may earn one-half elective credit for this course.		
200033ad	CREATIVE WRITING 1B	½ 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.		
Special Note: A student may earn one-half elective credit for this course.		
***200036ba	WRITING LAB INTERNATIONAL BACCALAUREATE (bb, bc)	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		

**200036bd	WRITING LAB INTERNATIONAL BACCALAUREATE 1A	½ Credit
This course is designed to provide students with additional assistance for the technical, critical, and analytic writing necessary for success on the end-of-year exams for IB.		
Prerequisite: Enrollment in IB Course AND Instructor Recommendation		
Special Note: Offered at Murphy AND Davidson; a student may earn one-half elective credit for this course.		
**200036bk	WRITING LAB INTERNATIONAL BACCALAUREATE 1B	½ Credit
This course is designed to provide students with additional assistance for the technical, critical, and analytic writing necessary for success on the end-of-year exams for IB.		
Prerequisite: Enrollment in IB Course AND Writing Lab International Baccalaureate 1A		
Special Note: Offered at Murphy AND Davidson; a student may earn one-half elective credit for this course.		
**200036be	WRITING LAB ADVANCED PLACEMENT (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 Course AND Instructor Recommendation		
**200036bn	WRITING LAB ADVANCED PLACEMENT 1A (Lit and Comp-12)	½ Credit
This course is designed to provide students with additional assistance for the technical, critical, and analytic writing necessary for success on the end-of-year exams for AP in grade 12.		
Prerequisite: Enrollment in AP Course AND Instruction Recommendation		
**200036bp	WRITING LAB ADVANCED PLACEMENT 1B (Lit and Comp-12)	½ Credit
This course is designed to provide students with additional assistance for the technical, critical, and analytic writing necessary for success on the end-of-year exams for AP in grade 12.		
Prerequisite: Enrollment in AP Course AND Writing Lab Advanced Placement 1A (Lit and Comp -12)		
Special Note: A student may earn one-half elective credit for this course		
**200036bg	WRITING LAB ADVANCED PLACEMENT 1 (Grammar/Com-11)	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 Course AND Instructor Recommendation		
**200036aq	WRITING LAB ADVANCED PLACEMENT 1A (Grammar/Comp-11)	½ Credit
This course is designed to provide students with additional assistance for the technical, critical, and analytic writing necessary for success on the end-of-year exams for AP in Grade 11.		
Prerequisite: Enrollment in AP Course AND Instructor Recommendation		
Special Note: A student may earn one-half elective credit for this course		
**200036aw	WRITING LAB ADVANCED PLACEMENT 1B (Grammar/Comp-11)	½ Credit
This course is designed to provide students with additional assistance for the technical, critical, and analytic writing necessary for success on the end-of-year exams for AP in Grade 11.		
Prerequisite: Enrollment in AP Course AND Writing Lab Advanced Placement 1A		
Special Note: A student may earn one-half elective credit for this course		
200036ax	A SHAKESPEARE SAMPLER (ay, az)	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 (br, bs)	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.		

200036bt WRITING WORKSHOP 1A ½ 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.

Special Note: A student may earn one-half elective credit for this course

200036by WRITING WORKSHOP 1B ½ 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.

Prerequisite: Writing Workshop 1A

Special Note: A student may earn one-half elective credit for this course

200036bu A STUDY OF FILM 1 (bv) 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 FILM 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

200037ax ENGLISH 9 CONNECTIONS 1A ½ Credit

This course provides students an opportunity to receive additional help in English 9 skills: reading, vocabulary, spelling, reading comprehension, language mechanics, language expression, reference and study skills, and oral expression.

Special Note: A student may earn one-half elective credit for this course

200037 ENGLISH 10 CONNECTIONS 1A ½ Credit

This course provides students an opportunity to receive additional help in English 10 skills through instruction in reading, vocabulary, listening, speaking, world literature, and composition.

Special Note: A student may earn one-half elective credit for this course

200037aj ENGLISH 11 CONNECTIONS 1A ½ Credit

This course provides students an opportunity to receive additional help in English 11 skills and provides additional instruction in American literature. Composition emphasizes practice in structural writing of expository essays, documented papers, and informal essays. Literature emphasizes critical analysis of various genres.

Special Note: A student may earn one-half elective credit for this course

200037aq ENGLISH 12 CONNECTIONS 1A ½ Credit

This course provides students an opportunity to receive additional help in English 12 skills including critical analysis of examples from British literature and writing of paragraphs and essays characterized by logical, coherent organization; clarity of expression; and suitability in style, usage, and conventions of writing.

Special Note: A student may earn one-half elective credit for this course

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 American society.

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. 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.

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

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200009ad	ESL English 10
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300002an	ESL Elective 2 (9)
300001	ESL Elective 1 (10)
300001ab	ESL Elective 2 (10)
300001ad	ESL Elective 1 (11)
300001af	ESL Elective 2 (11)
300001ah	ESL Elective 1 (12)
300001aj	ESL Elective 2 (12)
Half Credit Courses – 45 Minute Block	
300001am	ESL Content Vocabulary 9A
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300001aa	ESL Graduation Preparation 10A
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300001ae	ESL Graduation Remediation 11A
300001ag	ESL Graduation Remediation 11B
300001ai	ESL Graduation Remediation 12A
300001ak	ESL Graduation Remediation 12B

200005ad

**ESL ENGLISH 9: ENGLISH AS A SECOND LANGUAGE FOR
NON-ENGLISH SPEAKERS**

1 Credit

This core course, specifically designed for English Learners, includes instruction and practice in all English skills, reading, vocabulary, spelling, reading comprehension, language mechanics, language expression, reference and study skills and oral expression. Literature is studies for literary skill development, as well as for appreciation. 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 in listening, speaking, reading, and writing. Prerequisite: ESL Elective 1-9 (119801)		
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 (110804)		
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 – 11 (111804)		
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.		
300001aj	ESL CONTENT VOCABULARY 9A	½ Credit
This advanced course develops English skills in listening, speaking, reading, and writing, with an emphasis on reading and writing. Prerequisite: ESL elective 1 – 12 (112804)		
300001am	ESL CONTENT VOCABULARY 9B	½ Credit
This half-credit course develops content area vocabulary needed for success in core courses in Grade 9. Special Note: A student may earn one-half credit for this course.		
300001ao	GRADUATION PREPARATION 10A	½ Credit
This half-credit continues to develop content area vocabulary needed for success in core courses in Grade 10. Prerequisite: ESL Content Vocabulary 9A (119809) Special Note: A student may earn one-half credit for this course.		

300001aa GRADUATION PREPARATION 10 B ½ Credit

This half-credit course prepares the ESL student and develops the language needed to meet graduation requirements in Grade 10.

Special Note: A student may earn one-half credit for this course.

300001ae ESL GRADUATION REMEDIATION 11A ½ Credit

This half-credit continues to provide the ESL student with the skills language skills necessary to meet the graduation requirements.

Special Note: A student may earn one-half credit for this course.

300001ag ESL GRADUATION 11B ½ Credit

This half-Credit course continues to provide the ESL student with the language skills necessary to meet the graduation requirements.

Special Note: A student may earn one-half credit for this course.

300001ai ESL GRADUATION REMEDIATION 12A ½ Credit

This half-Credit course provides the ESL student with the language skills necessary to meet graduation requirements.

Special Note: A student may earn one-half credit for this course.

300001ak ESL GRADUATION REMEDIATION 12B ½ Credit

This half-credit course continues to prepare the ESL student with the language skills necessary to meet graduation requirements.

Special Note: A student may earn one-half credit for this course.

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.

The following courses count for a Fine Arts credit: Art (Sculpture, Instrumental Music, Vocal/Choral Music, Drama, Theatre Experience, Dance (Creative Movement, Ballet, Modern, Jazz, Tap), and Humanities if Humanities contains a balanced study of art, music, drama, dance, literature, and history. Provided the instructor includes the basic standards listed in the State Course of Study for Fine Arts, any course listed under the Fine Arts Education section of the Educational Planning Guide may be used to meet the Fine Arts requirement.

According to the State Department of Education, Speech and Creative Writing will no longer be classified as Fine Arts courses because they were not included in the new Alabama Course of Study: Arts Education, Bulletin 1998, No. 17. The Mobile County Public School System will no longer allow students to receive fine arts credit for Speech and Creative Writing after the 1999-2000 school year. The courses will be classified as Language Arts courses.

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

Beginning with school year 2010-2011, the following courses DO NOT fulfill the arts requirement for graduation.

Historical and Cultural Dance Forms	Theatre, Designing Technical
Dance Techniques	Playwriting
Dance Electives	Theatre, SL, 1B
Music Appreciation	Theatre, HL, 1B
Music, Theory AP	Film, SL, 1B
Music, SL, 1B	Theatre Elective
Music, HL, 1B	Graphics Arts
Instrumental/Music Elective	Two-Dimensional Art
Vocal Ensemble	Three-Dimensional Art
Vocal-Music Elective	Art Appreciation
Musical Theatre	Photography
Theatre Production	Art History, AP
Acting	Studio Art Drawing, AP
Directing	Studio Art Two-Dimensional Design, AP
Visual Arts Elective	Studio Art Three-Dimensional Design, AP
Visual, SL, 1B	Visual, HL, 1B

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280095	Art 5
280095aa	Art 6
280096	Art 7
280096aa	Art 8
**331554	Dual Enrollment Art 7 Ceramics 1 (Art 133)
**331524	Dual Enrollment Art 5 Drawing 1 (Art 113)
**280101	Advanced Placement Art History
***280106	International Baccalaureate Art History
**280101ab	Advanced Placement Art Study
**280102	Advanced Placement Studio Art
280093ad	Arts and Crafts 1
280094ab	Arts and Crafts 2
280095ab	Arts and Crafts 3
280096ab	Arts and Crafts 4
280093ac	Pottery/Sculpting 1
280094ah	Pottery/Sculpting 2
280090	Graphic Arts
280031	Band/Flag/Rifle
280031ai	Band Technique
280031ac	Concert Band 1
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280071aa	Theatre Experience 1 – (added 3 times, 280071, 280071aa, 280071ab)
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280001	Fine Arts Survey
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***280025	International Baccalaureate Music Theory
280053ab	Pedagogy/Virtuoso
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Forty-Five Minute (“Skinny”) Block Option (½Credit)

280094ac	Arts & Painting
280052	Chorus
280011	Introduction to Dance
280015ae	Ballroom Dancing
280015am	Universal Folk Dance
280015aa	Movement for Vocalists
280071ac	Musical Theater (Theatre; Music, Sound, Lights and More)
280071ad	Pantomime
280032aa	Piano
280034	Virtuoso
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*Honors, Pre-International Baccalaureate (Pre-IB), and other Weighted Courses

** Advanced Placement and other Weighted Courses

*** International Baccalaureate Courses

280093aa	ART	½ Credit
This course exposes the students to fundamentals of design and composition. Creating good composition and learning the basics of design through drawing and other media will be emphasized.		
280093ab	ART 1	1 Credit
This course introduces basic materials, vocabulary, and techniques used in visual arts, incorporating drawing and art history into each of three major units: drawing, painting, and printmaking.		
280094ag	ART 2	1 Credit
This course gives students an extensive experience in the artistic expression of ideas through two-dimensional art media. Prerequisite: Art 1 (280093ab)		
280094	ART 3	1 Credit
This course gives students an extensive experience in the artistic expression of ideas through two dimensional art media. Prerequisite: Art 2 (280094ag)		
280094aa	ART 4	1 Credit
This course provides an in-depth study of design and composition as applied to painting, drawing, and printmaking. Contents include the study of major movements in art history. Prerequisite: Art 3 (280094)		
280095	ART 5	1 Credit
This course further develops the individual student's skills as acquired in art 1-4 and introduces new methods in printmaking, painting, and drawing. Prerequisite: Art 4 (280094aa)		
280095aa	ART 6	1 Credit
This course give students a basic understanding of three-dimensional art, methods, media, techniques, and craftsmanship. Content includes three-dimensional creative expression through a variety of media. Prerequisite: Art 5 (280095)		
280096	ART 7	1 Credit
This course give students a better understanding of three-dimensional art methods, media, techniques, and craftsmanship. Student will critique the characteristics and merits of three-dimensional art. Prerequisite: Art 6 (20095aa)		
280096aa	ART 8	1 Credit
This course gives students a complete understanding of three-dimensional art methods, media, techniques, and craftsmanship. Content includes three-dimensional creative expression through a variety of media. A portfolio of the student's work will be established. Prerequisite: Art 7 (280096)		
**331554	DUAL ENROLLMENT ART 7 CERAMICS 1 (ART 133)	1 Credit 3 Semester Hours
This course is an introduction to methods of clay forming and means of expression. Experience in hand forming, wheel throwing and glazing is included. Prerequisite: Student must meet the requirements of the Dual Enrollment program. Special Note: Currently offered at LeFlore		

**331524	DUAL ENROLLMENT ART 5 DRAWING 1 (ART 113)	1 Credit 3 Semester Hours
<p>This dual enrollment art course provides the student with opportunities to develop the ability to draw using a variety of art media.</p> <p>Prerequisite: Student must meet the requirements of the Dual Enrollment program.</p> <p>Special Note: Currently offered at LeFlore</p>		
**280101	ADVANCED PLACEMENT ART HISTORY	1 Credit
<p>This course is designed to introduce students to the understanding and enjoyment of works of art. The course develops students' ability to examine works of art intellectually, acquainting them with major forms of artistic expression, and engendering an understanding of art from other times and cultures.</p> <p>Prerequisite: Instructor Recommendation</p> <p>Special Note: This course does not fulfill the fine arts requirement for graduation.</p>		
***280106	INTERNATIONAL BACCALAUREATE ART HISTORY	1 Credit
<p>This course is designed to introduce students to the understanding and enjoyment of works of art. The course develops students' ability to examine works of art intellectually, acquainting them with major forms of artistic expression, and engendering an understanding of art from other times and cultures. Students will develop a portfolio of impressions of art studies.</p> <p>Prerequisite: Instructor Recommendation</p> <p>Special Note: Currently offered at Murphy. This course does not fulfill the fine arts requirement for graduation.</p>		
**280101ab	ADVANCED PLACEMENT ART STUDY	½ Credit
<p>This course offers an individually designed advanced study for outstanding art students who are enrolled in AP Art Classes.</p> <p>Special Note: This course does not fulfill the fine arts requirement for graduation.</p>		
**280102	ADVANCED PLACEMENT STUDIO ART	1 Credit
<p>This course offers an individually designed advanced program for outstanding art students who intend to pursue careers or post-secondary training in art. Outside work is required.</p> <p>Prerequisite: Instructor Recommendation.</p> <p>Special Note: This course does not fulfill the fine arts requirement for graduation.</p>		
280093ad	ART & CRAFTS 1	1 Credit
<p>This course is designed to meet the needs of students interested in hands-on basic art. The elements of art are introduced through many different media and styles.</p>		
280094ab	ARTS & CRAFTS 2	1 Credit
<p>This course is a continuation of 280093ad. The techniques are designed to enhance skill development and school-to-work opportunities.</p> <p>Prerequisite: Arts & Crafts 1 (280093ad)</p>		
280095ab	ARTS & CRAFTS 3	1 Credit
<p>This course will develop advanced skills in crafts such as ceramics, weaving, and basketry while continuing to explore the history and cultural background of these crafts.</p> <p>Prerequisite: Arts & Crafts 2 (280094ab)</p>		
280096ab	ARTS & CRAFTS 4	1 Credit
<p>This course is a continuation of 280095ab. The techniques are designed to enhance skill development and school- to-work opportunities.</p> <p>Prerequisite: Arts & Crafts 3 (280095ab)</p>		

280093ac	POTTERY/SCULPTING 1	1 Credit
This course is an introduction to methods of clay forming as a means of expression. Experience in hand forming, wheel throwing and glazing is included.		
280094ah	POTTERY/SCULPTING 2	1 Credit
This course builds on Pottery/Sculpting I (280093ac). Students will create pieces as a means of expression. Prerequisite: Pottery/Sculpting 1 (280093ac)		
280090	GRAPHIC ARTS	1 Credit
This course exposes the student to graphic design in an art setting. Students incorporate drawing and basics of design into major units of painting and paint making. Special Note: This course does not fulfill the fine arts requirement for graduation		
280031	BAND FLAG/RIFLE CORPS	1 Credit
The course provides both marching band and physical education experience. Development of marching skills and flag/rifle handling skills are emphasized. Extra after-school rehearsals and personally purchased costumes are required. Student participation in the band's regular football half-time performances is the expected result of enrollment in this course.		
280031ai	BAND TECHNIQUE	1 Credit
This course will include basic music fundamentals in the area of music performance. Emphasis will be placed on rhythm and melodic development and students are required to have an instrument.		
280031ac	CONCERT BAND 1	1 Credit
This course provides opportunities to develop musical skills in band and instrumental ensembles. Content includes strong emphasis on basic understanding of embouchure development, posture, characteristic tone production, rhythm development, scale development, and band performance techniques. Prerequisite: Individual Audition		
280033aa	CONCERT BAND 2	1 Credit
This course provides opportunities to develop musical skills in band and instrumental ensembles. Content includes enabling students to develop fundamental skills in characteristic tone production, band performance techniques, musical literacy, and music appreciation. Prerequisite: Concert Band 1 (280031ac)		
280035aa	CONCERT BAND 3	1 Credit
This course provides opportunities to develop musical skills in band and instrumental ensembles. Content includes enabling students to extend skill development in tone production, band performance techniques, musical literacy, and music appreciation. Prerequisite: Concert Band 2 (280033aa)		
280033ad	CONCERT BAND 4	1 Credit
This course provides opportunities to develop musical skills in band and instrumental ensembles. Content includes interpreting medium-level band music, establishing appropriate tone production and performance technique, and identifying simple musical form of varied style periods. Prerequisite: Concert band 3 (280035aa)		
280031ae	JAZZ BAND	1 Credit
This course is designed for students interested in learning the basic fundamentals of jazz performing techniques. The student will learn basic jazz styles, improvisation skills, and composition and chord analysis. Prerequisite: Audition Only		

280036 **BEGINNING BAND/PRE-MARCHING BAND 1** **1 Credit**

This course is offered to students who have no previous experience in playing a band instrument. Concentration is on the fundamentals and skills of performing, learning to read music, and proper care and maintenance of the instrument. Students will receive both group instruction and individual attention in marching and concert techniques.

Prerequisite: Instrument selection by audition only.

280033af **INTERMEDIATE BAND/PRE-MARCHING BAND 2/CONCERT BAND** **1 Credit**

This course is designed to develop and improve the musical level of the individuals through studies in technique, rhythm exercises, part-playing, and range development. Students will receive both group and individual instruction in marching band and concert techniques.

280031a **MARCHING BAND 1** **1 Credit**

This course provides opportunities for student participation in a marching band. The marching band is open to students by audition only. The musical development through the study of rhythm, scale, and tone production will be stressed. The band performances will include football games, parades, pep assemblies, and marching contests. Weekly after-school practices may be required. Marching Band may substitute for Physical Education.

Prerequisite: Individual Audition

280033 **MARCHING BAND 2** **1 Credit**

This course provides opportunities for student participation in a marching band. The marching band is open to students by audition only. The musical development through the study of rhythm, scale, and tone production will be stressed. The band performances will include football games, parades, pep assemblies, and marching contests. Weekly after-school practices may be required. Marching Band may substitute for Physical Education.

Prerequisite: Marching Band 1 (280031ab) AND Individual Audition

280035 **MARCHING BAND 3** **1 Credit**

This course provides opportunities for student participation in a marching band. The marching band is open to students by audition only. The musical development through the study of rhythm, scale, and tone production will be stressed. The band performances will include football games, parades, pep assemblies, and marching contests. Weekly after-school practices may be required. Marching Band may substitute for Physical Education.

Prerequisite: Marching Band 2 (280033) AND Individual Audition

280033ac **MARCHING BAND 4** **1 Credit**

This course provides opportunities for student participation in a marching band. The marching band is open to students by audition only. The musical development through the study of rhythm, scale, and tone production will be stressed. The band performances will include football games, parades, pep assemblies, and marching contests. Weekly after-school practices may be required. Marching Band may substitute for Physical Education.

Prerequisite: Marching Band 3 (280035) AND Individual Audition

280031ad **SYMPHONIC BAND 1** **1 Credit**

This course provides opportunities to develop musicianship in band and instrumental ensembles. Content includes emphasis on rhythmic and scale development, interpreting medium to advanced-level band music, refining tone production, proper hand position, and performance techniques. Also, basic form and analysis of style and aesthetic perceptions will be learned.

Prerequisite: Audition Only

80033ab **SYMPHONIC BAND 2** **1 Credit**

This course provides opportunities to develop musicianship in band and instrumental ensembles. Content includes interpreting medium to advanced-level band music, refining tone production and performance techniques, understanding of music form, style and aesthetic perceptions.

Prerequisite: Symphonic Band 1 (280031ad) AND Audition Only

280035ab SYMPHONIC BAND 3 1 Credit

This course provides opportunities to develop musicianship in band and instrumental ensembles. Content includes interpreting difficult music; developing independent musicianship, tone production and performance techniques; analyzing form, style and history in the performance preparation of various band literature; and formulating critical listening skills and aesthetic values.

Prerequisite: Symphonic Band 2 (280033ab) AND Audition Only

28033ae SYMPHONIC BAND 4 1 Credit

This course provides opportunities to develop musicianship in band and instrumental ensembles. Content concludes interpreting difficult music, refining independent musicianship, developing tone production and performance techniques, and performing varied band literature.

Prerequisite: Symphonic Band 3 (280035ab) AND Audition Only

280031af STRINGS 1 Credit

This course provides the opportunities for instruction in violin, viola, cello, and string bass. Students will receive instruction both individually and in a group environment. Emphasis on rhythm, scale, and tone production will be stressed.

Prerequisite: Audition Only

280031ah ADVANCED STRINGS/ORCHESTRA 1 Credit

This course offers high level chamber music, solo and advanced ensemble performance experiences for the schools most competent string students.

Prerequisite: Audition OR Instructor Recommendation

280032 GUITAR 1 Credit

This course provides students with the instrumental instruction on the guitar. This course includes instruction in performing techniques peculiar to the stringed instrument. Emphasis will be placed on technical, musical fundamentals, and listening skills.

280031aj CLASS PIANO 1 Credit

This music course is designed for students interested in learning basic piano performance and music fundamentals in a small class setting.

Prerequisite: Instructor Recommendation

280031ar PIANO LAB 1 1 Credit

This course is designed to develop music reading and keyboarding skills. This is an introductory course to the piano which emphasizes individual musical interest.

Prerequisite: Instructor Recommendation

280031as PIANO LAB 2 1 Credit

This course provides students with opportunities for extended acquisition of knowledge and development of techniques learned in Piano Lab I. The theoretical, technical, and physical properties of sound are learned during this course.

Prerequisite: Piano Lab 1 (280031ar)

280037 WIND ENSEMBLE 1 1 Credit

This course provides opportunities to develop musicianship in band and instrumental ensembles at the highest level. Content includes interpreting difficult music, refining independent musicianship, developing tone production and performance techniques, and performing varied symphonic literature.

280037aa WIND ENSEMBLE 2 1 Credit

This course is a continuation of Wind Ensemble 1. The course should progress in difficulty and challenging musical issues.

Prerequisite: Wind Ensemble 1

280037ab WIND ENSEMBLE 3 1 Credit

This course is a continuation of Wind Ensemble 2. The course should progress in difficulty and challenging musical issues.

Prerequisite: Wind Ensemble 2

280037ac	WIND ENSEMBLE 4	1 Credit
This course is a continuation of Wind Ensemble 3. The course should progress in difficulty and challenging musical issues. Prerequisite: Wind Ensemble 3		
**331724	DUAL ENROLLMENT MUSIC APPRECIATION MUSIC APPRECIATION (MUS 101)	1 Credit 3 Semester Hours
This course for non-majors required no previous music experience. This course emphasizes listening skills and includes a survey of various types and styles of music. Prerequisite: Student must meet the requirements of the Dual Enrollment program. Special Note: Currently offered at LeFlore		
280051	BEGINNING CHORUS	1 Credit
This course develops the understanding of the nature, structure, and meaning of music through the study and performance of simple choral literature appropriately arranged for the voice classifications involved.		
280053ac	INTERMEDIATE CHORUS	1 Credit
This course develops the understanding of the nature, structure and meaning of music through the rehearsal and performance of advanced choral literature. This program provides for increasing skill in ensemble singing.		
280057ab	ADVANCED CHORUS 1	1 Credit
This course develops performance in ensembles through the study of widely varied, appropriate choral literature.		
280057ac	ADVANCED CHORUS 2	1 Credit
This course applies varied techniques in vocal ensembles through the study of widely varied, appropriate choral literature. Prerequisite: Advanced Chorus 1 (280057ab)		
280053	ADVANCED CHORUS 3	1 Credit
This course provides for progressively increasing skill in ensemble singing. Prerequisite: Advanced Chorus 2 (280057ac)		
280053aa	ADVANCED CHORUS 4	1 Credit
This course develops creativity and refined performance techniques in vocal ensembles through the study of widely varied, appropriate choral literature. Prerequisite: Advanced Chorus 3 (280053)		
280055	ADVANCED CHORUS 5	1 Credit
This course provides opportunities to develop musical skills in choral settings. Content includes strong emphasis on tone, rhythm, and performance development, Prerequisite: Advanced Chorus 4 (280053aa)		
280055aa	ADVANCED CHORUS 6	1 Credit
This course provides opportunities to develop musical skills in a choral environment. Content includes enabling students to develop fundamental skills in characteristic tone production, choral performance techniques, musical literacy, and music appreciation. Prerequisite: Advanced Chorus 5 (280055)		
280057	ADVANCED CHORUS 7	1 Credit
This course provides opportunities to develop musical skills in choral ensembles. Content includes enabling students to extend skill development in tone production, vocal techniques, musical literacy, and music history. Prerequisite: Advanced Chorus 6 (280055aa)		
280057aa	ADVANCED CHORUS 8	1 Credit
This course provides opportunities to develop musicianship in a choral ensemble. Content includes interpreting difficult music, developing vocal performance skills, and theory/history development. Prerequisite: Advanced Chorus 7 (280057)		

280059aa **CHORAL ENSEMBLE/MADRIGAL SINGERS 1** **1 Credit**

This course is designed for a highly select small, balanced vocal ensemble capable of performing a variety of styles at a high level of proficiency. Participation requires a commitment to extra preparation and frequent performances.

Prerequisite: Instructor Recommendation

Special Note: This course does not fulfill the fine arts requirement for graduation.

280059ab **CHORAL ENSEMBLE/MADRIGAL SINGERS 2** **1 Credit**

This course is designed for a highly select small, balanced vocal ensemble capable of performing a variety of styles at a high level of proficiency. Participation requires a commitment to extra preparation and frequent performances.

Prerequisite: Instructor Recommendation

Special Note: This course does not fulfill the fine arts requirement for graduation.

280059ac **CHORAL ENSEMBLE/MADRIGAL SINGERS 3** **1 Credit**

This course is designed for a highly select small, balanced vocal ensemble capable of performing a variety of styles at a high level of proficiency. Participation requires a commitment to extra preparation and frequent performances.

Prerequisite: Instructor Recommendation

Special Note: This course does not fulfill the fine arts requirement for graduation.

280059ad **CHORAL ENSEMBLE/MADRIGAL SINGERS 4** **1 Credit**

This course is designed for a highly select small, balanced vocal ensemble capable of performing a variety of styles at a high level of proficiency. Participation requires a commitment to extra preparation and frequent performances.

Prerequisite: Instructor Recommendation

Special Note: This course does not fulfill the fine arts requirement for graduation.

28011aa **DANCE 1** **1 Credit**

The purpose of this course is to provide students with opportunities to acquire knowledge and skills in two or more styles of dance. Proper dance attire required.

Prerequisite: Instructor Recommendation

280011ab **DANCE 2** **1 Credit**

This course provides students with opportunities to extend the acquisition of knowledge and development of techniques of dance. Proper dance attire required.

Prerequisite: Dance 1 (280011aa)

280012 **DANCE 3** **1 Credit**

This course provides students with opportunities to further extend the acquisition of knowledge and the development of technical skills appropriate for a variety of dance styles. Proper dance attire required.

Prerequisite: Dance 2 (280011ab)

280012aa **DANCE 4** **1 Credit**

This course provides talented and skilled dancers with opportunities to perform dance sequences in style and disciplines of well-known choreographers. Proper dance attire required.

Prerequisite: Dance 3 (280012)

280013 **DANCE 5** **1 Credit**

This course provides dancers with the opportunity to create and perform compositions using rondo, canon, and palindrome forms. Proper dance attire required.

Prerequisite: Dance 4 (280012aa)

280013aa **DANCE 6** **1 Credit**

This course is designed to develop a repertoire of memorized dances from well-known choreographers. Proper dance attire required.

Prerequisite: Dance 5 (280013)

280012ab **DANCE 7** **1 Credit**

This course is designed to prepare the advanced dancer for competitive auditions. Proper dance attire required.

Prerequisite: Dance 6 (280013aa)

280012ac **DANCE 8** **1 Credit**

This course is designed for the most advanced dancers. A complete repertoire of dance performances and competitive auditions are required. Students must demonstrate three dance styles for completion of the course. Proper dance attire required.

Prerequisite: Dance 7 (280012ab)

200036ag **DRAMA 1** **1 Credit**

This course provides in-depth experiences in the study and practice of theatre arts and literature. The course includes history, literature of theatre, and fundamentals of acting and production. The course develops language skills through reading dramatic literature and by using written critiques, character analysis, and interpretations. This course is offered to students in grades 10, 11, and 12.

200036ar **DRAMA 2** **1 Credit**

This course builds on the background established in Drama I and continues a study of the cultural contribution of the drama. The course provides intermediate development of theatre arts skills through reading and interpretation of dramatic literature, techniques and mechanics of acting, and stagecraft. The course focuses on interpretative analysis and production.

Prerequisite: Drama 1 (280036ag)

280077 **DRAMA PRODUCTION & STAGE MANAGEMENT 1** **1 Credit**

This course introduces drama students to the production side of dramatics. Staging, choreography, music, vocal carriage and selecting appropriate materials.

Special Note: This course does not fulfill the fine arts requirement for graduation

280077aa **DRAMA PRODUCTION & STAGE MANAGEMENT 2** **1 Credit**

This course builds on the background established in Drama Production & Stage Management I. Drama students develop in depth aspects of dramatic production. Staging, choreography, music, vocal carriage and selecting appropriate materials.

Prerequisite: Drama Production & Stage Management I (280077)

Special Note: This course does not fulfill the fine arts requirement for graduation

280071aa **THEATRE EXPERIENCE 1** **1 Credit**

This course includes the study of the structure of the play, reading plays, and an introduction to acting. Emphasis is placed on developing a polished characterization to be performed before an audience. The course also emphasizes voice, diction, and public speaking.

280072 **THEATRE EXPERIENCE 2** **1 Credit**

This course further develops the acting techniques that were emphasized in Theatre Experience I. More emphasis is placed on theatre productions.

Prerequisite: Theatre Experience 1 (280071aa)

280073 **THEATRE EXPERIENCE 3** **1 Credit**

This course further develops the acting techniques that were emphasized in Theatre Experience II (280072). More emphasis is placed on theatre productions.

Prerequisite: Theatre Experience 2 (280072)

280074 **THEATRE EXPERIENCE 4** **1 Credit**

This course further develops the acting techniques that were emphasized in Theatre Experience 3 (280073). More emphasis is placed on theatre productions.

Prerequisite: Theatre Experience 3 (280073)

280076 INSTRUMENTAL MUSIC FOR THEATRE 1 1 Credit

This course will teach the instrumental musician how to perform in a theatre setting. Students will study theatre music, scores and performance.

Special Note: This course does not fulfill the fine arts requirement for graduation

280076aa INSTRUMENTAL MUSIC FOR THEATRE 2 1 Credit

This course prepares the instrumental musician to perform in live theatre productions. Students will analyze music scores, perform music scores and study stage performance.

Prerequisite: Instrumental Music for Theatre 1 (280076)

Special Note: This course does not fulfill the fine arts requirement for graduation.

280001 FINE ARTS SURVEY 1 Credit

This course is designed for students to rotate between band, chorus, art and dance taking each section equal times. Students will be introduced to fundamentals of each course and basic techniques. At the conclusion students will return to the first rotation to complete a portfolio and reflection on each class.

Special Note: This course does not fulfill the fine arts requirement for graduation.

280024 MUSIC THEORY 1 Credit

This music course is designed for all students who intend to further pursue the study of music. It provides experiences in chord construction leading to part writing and enables a student to understand better the music he hears or performs. The major areas of content include major and minor scale structure; the identification of major, minor, perfect diminished, and augmented intervals by sound and sight; triad structure; the difference in sound of major and minor modes and cadences; development of further proficiency in understanding key signatures, meter signatures, rhythm and melodic notation; and simple chord progressions with root in bass and triad in treble clef.

Special Note: This course does not fulfill the fine arts requirement for graduation

****280024aa ADVANCED PLACEMENT MUSIC THEORY 1 Credit**

This course is designed for the advanced music student who is going to continue with music after graduation. The course will contain but is not limited to sight singing, ear training, four part harmonization, composition, and analysis.

Prerequisite: Instructor Recommendation

Special Note: This course does not fulfill the fine arts requirement for graduation.

*****280025 INTERNATIONAL BACCALAUREATE MUSIC THEORY 1 Credit**

This International Baccalaureate music theory course is designed for students seeking an IB diploma. The course will focus on historical studies, theoretical studies, and practical studies in music theory. This course seeks to impart a wide general knowledge of musical styles rather than detailed knowledge of set works.

Prerequisite: Instructor Recommendation

Special Note: Currently offered at Murphy AND Davidson. This course does not fulfill the fine arts requirement for graduation.

280053ab PEDAGOGY/VIRTUOSO 1 Credit

This course is designed to develop music reading, notation, keyboarding, and performance skills.

280035ac VIRTUOSO INTERMEDIATE/ADVANCED 1 Credit

This course will provide students with opportunities for extended acquisition of knowledge and development of techniques learned in Virtuoso (280034) & Virtuoso 2 (280034aa)

Prerequisite: Virtuoso (280034) & Virtuoso 2 (280034aa)

280100ab BASIC PHOTOGRAPHY 1 Credit

This course gives students a basic understanding of photographic imagery. A study of black/white photography, the function of photography as an art form, the history of photography, and the basic photography production techniques are covered. Students will process and print their own film using the school's darkroom. Access to a 35mm camera is required.

Special Note: This course does not fulfill the fine arts requirement for graduation.

280100ad	PHOTOGRAPHY 1	1 Credit
This course is designed to develop and refine the skills and techniques learned in Basic Photography. Access to 35mm camera is required.		
Prerequisite: Basic Photography (280100ab)		
Special Note: This course does not fulfill the fine arts requirement for graduation.		
280100ae	PHOTOGRAPHY 2	1 Credit
This course is a continuation of the use of photographic and darkroom equipment. Application in an on-site work experience is emphasized.		
Prerequisite: Photography 1 (280100ad)		
Special Note: This course does not fulfill the fine arts requirement for graduation.		
280094ac	ARTS & PRINTING	½ Credit
This course extends artistic expression of ideas developing painting skills. Watercolor, oils, and acrylics may be explored.		
280052	CHORUS	½ Credit
This course develops the understanding of the nature, structure, and meaning of music through the study and performance of choral literature appropriate for high school students.		
280011	INTRODUCTION TO DANCE	½ Credit
This course introduces the basic elements of dance.		
Special Note: This course does not fulfill the fine arts requirement for graduation.		
280015ae	BALLROOM DANCING	½ Credit
This course introduces basic elements of ballroom dance.		
Special Note: This course does not meet the ½ fine arts education credit required for graduation.		
280015am	UNIVERSAL FOLK DANCE	½ Credit
This course introduced basic elements of folk dance.		
Special Note: This course does not meet the ½ fine arts education credit required for graduation.		
280015aa	MOVEMENT FOR VOCALISTS	½ Credit
This course develops the implementation of movement for vocals to enhance performance, and expand artistic development.		
Special Note: This course does not fulfill the fine arts requirement for graduation.		
280071ac	MUSICAL THEATRE (THEATRE; MUSIC SOUND, LIGHTS AND MORE)	½ Credit
This course develops the implementation of acting, dance movement, vocals and staging for musical productions.		
Special Note: This course does not fulfill the fine arts requirement for graduation.		
280071ad	PANTOMIME	½ Credit
This course develops the element of pantomime for theatrical productions.		
Special Note: This course does not fulfill the fine arts requirement for graduation.		
280032aa	PIANO	½ Credit
This course is designed for students interested in learning basic piano and music fundamentals.		
Special Note: This course does not fulfill the fine arts requirement for graduation.		
280034	VIRTUOSO	½ Credit
This course will provide students with additional mentoring needed for solo performance and preparations for auditions. Students may also cover fundamentals.		
280034aa	VIRTUOSO 2	½ Credit
This course will provide students with opportunities for extended acquisition of knowledge and development of techniques learned in VIRTUOSO.		
Prerequisite: Virtuoso		

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.

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<u>COURSE #</u>	<u>COURSE TITLE</u>
270003aa	Chinese 1
*270003	Chinese 1 HR
270004	Chinese 2
*270004aa	Chinese 2 HR
*270005	Chinese 3 HR
***270006	Chinese 2 IB
*270010	Chinese 4 HR
*270013	Chinese 5 HR
270023aa	French 1
*270023ac	French HR
270023ab	French 1A
270023	French 1B
270024ab	French 2
*270024ac	French 2 HR
270024	French 2A
270024aa	French 2B
*270025	French 3HR
***270029	French 3 IB
**270027	French 4 AP
**270027aa	French AP Research A & B
**270027ab	French AP Research A
**270027ac	French AP Research B
***270030	French 4 IB
***270031	French 5 IB
***270032	French 6 IB
*270033	French 5 HR
*270033aa	French 6 HR
270033aa	French for Travelers
270043	German 1
*270043aa	German 1 HR
270044	German 2
*270044aa	German 2 HR
*270045	German 3 HR
**270047	German 4 HR/AP
**270047aa	German 4 AP Research A & B
**270047ab	German 4 AP Research A

**270047ac	German 4 AP Research B
***270048	German 3 IB
***270049	German 4 IB
***270050	German 5 IB
***270051	German 6 IB
*270052	German 6 HR
*270053	German 5 HR
270053aa	German for Travelers
270111	Latin 1
270112	Latin 2
*270113	Latin 3 HR
**270115	Latin 4 HR/AP
270153aa	Spanish 1
*270153	Spanish 1 HR
270153ab	Spanish 1 Part A
270153ac	Spanish 1 Part B
270154aa	Spanish 2
*270154ac	Spanish 2 HR
270154ab	Spanish 2 Part A
270154	Spanish 2 Part B
*270155	Spanish 3 HR
**270157	Spanish 4 HR/AP/Lang
**270158	Spanish 4 HR/AP/Lit
**270157aa	Spanish AP Research A & B
**270157ab	Spanish AP Research Part A
**270157ac	Spanish AP Research Part B
***270159	Spanish 4 IB
*270160	Spanish 5 HR
*270161	Spanish 6 HR
270164	Spanish for Travelers

FORTY FIVE MINUTE (“SKINNY”) BLOCK ½ CREDIT

270033ab	French for Travelers
270023ab	French 1A
270023	French 1B
270024	French 2A
270024aa	French 2B
**270027ab	French AP Research A
**270027ac	French AP Research B
270053AA	German for Travelers
**270047ab	German 4 AP Research A
**270047ac	German 4 AP Research B
270164	Spanish for Travelers
270153ab	Spanish 1A
270153ac	Spanish 1B
270154ab	Spanish 2A
270154	Spanish 2B
**270157ab	Spanish AP Research Part A
**270157ac	Spanish AP Research Part B

*Honors, Pre-International Baccalaureate (Pre-IB), and other Weighted Courses
 **Advanced Placement (AP) and Dual Enrollment
 ***International Baccalaureate Courses

DESCRIPTION OF COURSES

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

***27004aa 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.

*****270010 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

***270006 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.

270023ab FRENCH 1A ½ Credit

This ½ credit course introduces students to the French 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 Level I and Level II of the same language

270023 FRENCH 1B 1 Credit

This ½ credit course introduces students to the French language and its culture. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding.

Prerequisite: French 1A

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

270024ab FRENCH 2 1 Credit

This course reinforces the skills previously learned in French I. 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 or French 1A and French 1B

270024 FRENCH 2A ½ Credit

This ½ credit course reinforces the skills previously learned in French I. 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 or French 1A and French 1B

270024aa FRENCH 2B ½ Credit

This ½ credit course reinforces the skills previously learned in French I. 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 or French 1A and French 1B and French 2A

***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 Instructor Recommendation

***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 Instructor Recommendation

*****270029 FRENCH 3 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: 270024ac and Instructor Recommendation

****270027 FRENCH 4 HONORS/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 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 AP RESEARCH AND DESIGN PARTS A & B 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*

****270027ab FRENCH AP RESEARCH AND DESIGN PART A ½ Credit**

French Research and Design A is a **1 term** 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*

****270027ac FRENCH AP RESEARCH AND DESIGN PART B ½ Credit**

French Research and Design B is a 1 term 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*

270033ab FRENCH FOR TRAVELERS (5TH Block Enrichment Elective) ½ Credit

French for Travelers is an **elective** course designed to familiarize students with basic cultural practices and essential French language for traveling in a French speaking country. **French for Travelers does not fulfill the foreign language course requirement to receive an Honors Diploma.**

Prerequisite: None

Special Note: Students with prior language instruction in French may not take this class for credit.

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

270044 GERMAN 2 1 Credit

This course reinforces the skills previously learned in German I. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into German customs, history, art, music, and literature.

Prerequisite: 270043 or 270043aa

***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

*****2700499 GERMAN 3 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: 270044aa and Teacher Recommendation

****270047 GERMAN 4 HONORS/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 or

Special Note: The Advanced Placement test must be taken as the end of course test to receive AP weight.

*****270052 GERMAN 4 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: 270045 or 270047 and Teacher Recommendation

***270053 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 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

***270052aa 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

*****303585 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 AP RESEARCH AND DESIGN PARTS A & B** **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*.

****270047ab** **GERMAN AP RESEARCH AND DESIGN PART A** **½ Credit**

German Research and Design A is a **1 term** 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*.

****270047ac** **GERMAN AP RESEARCH AND DESIGN PART B** **½ Credit**

German Research and Design B is a **1 term** 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*.

270164 **GERMAN FOR TRAVELERS (5TH Block Enrichment Elective)** **½ Credit**

German for Travelers is an **elective** course designed to familiarize students with basic cultural practices and essential German language for traveling in a German speaking country. *German for Travelers* does not fulfill the course requirement in foreign languages to receive an Honors Diploma.

Prerequisite: None

Special Note: Students with prior formal instruction in German may not take this class for credit

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

Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

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: 270111

***270112aa** **LATIN 2 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: 270111 and Teacher Recommendation

***270013** **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: 270112aa and Teacher Recommendation

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.

270153ab **SPANISH 1A** **½ Credit**

Spanish 1A is the first part of a two part course. In Part A students are introduced to the Spanish 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 *Spanish 1A* and *1B* and *Spanish 2A* and *2B* of the same foreign language.

Prerequisite: None

270153ac **SPANISH 1B** **½ Credit**

Spanish 1B is the second part of a two part course. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding.

Special Note: In order to receive an Honors Diploma, a student must take Spanish 1A and 1B and Spanish 2A and 2B of the same foreign language.

Prerequisite: *Spanish 1A* (270153)

***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.

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

270154ab **SPANISH 2A** **½ Credit**

Spanish 2A is the first part of a two part course. It reinforces the skills previously learned in *Spanish 1A* and *Spanish 1B*. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into Spanish customs, history, art, music, and literature.

Special Note: In order to receive an Honors Diploma, a student must take *Spanish 1A* and *Spanish 1B* or *Spanish 1* and *Spanish 2A* and *2B* of the same foreign language.

Prerequisites: *Spanish 1A* and *Spanish 1B* or *Spanish 1*

270154 **SPANISH 2B** **½ Credit**

Spanish 2B is the second part of a two part course. It reinforces the skills previously learned in *Spanish 2A*. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into Spanish customs, history, art, music, and literature.

Special Note: In order to receive an Honors Diploma, a student must take *Spanish 1A* and *Spanish 1B* or *Spanish 1* and *Spanish 2A* and *2B* of the same foreign language.

Prerequisites: *Spanish 1A* and *Spanish 1B* or *Spanish 1* and *Spanish 2A*

***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

***270161** **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

****270157** **SPANISH 4 HONORS/AP (LANGUAGE)** **1 Credit**

As determined by AP guidelines, this 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. College Board test will be given at the end of the course.

Prerequisite: 270161

Special Note: The Advanced Placement test must be taken as the end of course test to receive AP weight.

****270158** **SPANISH 4 HONORS/AP (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** **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: 270161 and Teacher Recommendation

***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

***270161aa** **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 AP 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*

****270157ab** **SPANISH AP RESEARCH AND DESIGN PART A** **½ Credit**

Spanish Research and Design A is a **1 term** 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 or have completed *Spanish 4 AP*.

Prerequisites: *Spanish 1, Spanish 2, and Spanish 3*

****270157ac** **SPANISH AP RESEARCH AND DESIGN PART B** **½ Credit**

Spanish Research and Design B is a **1 term** 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.

Prerequisites: *Spanish 1, Spanish 2, and Spanish 3*

Special Note: Students enrolled in this class must also be enrolled or have completed *Spanish 4 AP*.

270164 **SPANISH FOR TRAVELERS (5TH Block Enrichment Elective)** **½ Credit**

Spanish for Travelers is an **elective** course designed to familiarize students with basic cultural practices and essential Spanish language for traveling in a Spanish speaking country. ***Spanish for Travelers* does not fulfill the course requirement in foreign languages for an Honors Diploma.**

Prerequisite: None

Special Note: Students with prior formal instruction in Spanish may not take this class for credit.

270033ab **FRENCH FOR TRAVELERS (5TH BLOCK ONLY ELECTIVE)** **½ Credit**

French for Travelers is an **elective** course designed to familiarize students with basic cultural practices and essential French language for traveling in a French speaking country. ***French for Travelers* does not fulfill the course requirement for foreign languages to receive an Honors Diploma.**

Prerequisite: None

Special Note: Students with prior formal language instruction may not take this course for credit.

270023ab **FRENCH 1A** **½ Credit**

This course ½ credit course introduces students to the French 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 Level I and Level II of the same language.

270023ac **FRENCH 1B** **½ Credit**

This course ½ credit course introduces students to the French language and its culture. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding.

Prerequisite: 309506

Special Note: In order to receive an honors diploma, a student must take Level I and Level II of the same language.

270024ab **FRENCH 2A** **½ Credit**

This ½ credit course reinforces the skills previously learned in French I. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into French customs, history, art, music, and literature.

Prerequisite: 270023ab and 270023ac or French 1

270024ac **FRENCH 2B** **½ Credit**

This ½ credit course reinforces the skills previously learned in French I. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into French customs, history, art, music, and literature.

Prerequisite: 270024ab and French 1

****270027ab** **FRENCH AP RESEARCH AND DESIGN PART A** **½ Credit**

French Research and Design A is a **1 term** 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.

Prerequisites: *French 1, French 2, and French 3*

Special Note: Students enrolled in this class must also be enrolled in or have taken *French 4 AP*.

****270027ac** **FRENCH AP RESEARCH AND DESIGN PART B** **½ Credit**

French Research and Design B is a **1 term** 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.

Prerequisites: *French 1, French 2, and French 3*

Special Note: Students enrolled in this class must also be enrolled in or have taken *French 4 AP*

270164 **GERMAN FOR TRAVELERS (5TH BLOCK ONLY ELECTIVE)** **½ Credit**

German for Travelers is an **elective** course designed to familiarize students with basic cultural practices and essential German language for traveling in a German speaking country. **German for Travelers does not fulfill the course requirement for the foreign language requirement for an Honors Diploma.**

Prerequisite: None

Special Note: Students with prior formal language instruction may not take this course for credit.

****270047ab** **GERMAN AP RESEARCH AND DESIGN A** **½ Credit**

German Research and Design A is a **1 term** 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 or have taken *German 4 AP*.

****27047ac** **GERMAN AP RESEARCH AND DESIGN B** **½ Credit**

German Research and Design B is a **1 term** 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 or have taken *German 4 AP*.

Students identified as gifted are served through the Pursuing Academics, Creativity, and Excellence (PACE) program. These courses are available to PACE students and to students identified through the Entrada program, an initiative designed to ensure equitable identification of gifted students.

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

INDEX OF COURSES

<u>COURSE #</u>	<u>COURSE TITLE</u>
903124	Creative Writing
903254	Mathematics Special Topics
900134	Humanities 1 Gifted
900134	Humanities 2 Gifted
900144	Humanities 3 Gifted
900154	Humanities 4 Gifted
901254	Special Topics 1 - Gifted
901264	Special Topics 2 Gifted
902254	Special Topics 3 Gifted
902264	Special Topics 4 Gifted

FORTY-FIVE MINUTE (“SKINNY”) BLOCK OPTIONS (½CREDIT)

901009	GT Directed Study
902009	GT International Studies
903009	GA Advanced Seminar
904009	GT Communications Seminar

All courses are unweighted electives.

DESCRIPTION OF COURSES

903124 CREATIVE WRITING GIFTED HONORS 1 Elective Credit

This course utilizes curricular options for high-end learning to develop and apply creative writing skills including narrative techniques such as plot construction, point of view and tone; characterization; descriptive writing; and forms of poetry and drama.

Prerequisite: GEP OR Entrada status

903254 MATHEMATICS SPECIAL TOPICS – GIFTED HONORS 1 Elective Credit

This course provides an opportunity for advanced math students to explore problems solving technological applications of math, and other topics of interest. Special emphasis is given to applications and connections in math and science.

Prerequisite: Algebra 2/Trigonometry, GEP OR Entrada status

Special Note: Currently offered at Davidson

909134 HUMANITIES 1 GIFTED 1 Elective Credit

This course is a study of mankind’s cultural achievements beginning with the cave paintings around 15,000 B.C. and ending with the decline of the western part of the Roman Empire. The in-depth focus of this course will be primarily on World Literature, Art, Architecture, Music, Theatre and Dance. This course will include a study of Mesopotamia, Egypt, Greece, and Rome. Theme centered seminars will be offered.

Prerequisite: GEP OR Entrada status

900134	HUMANITIES 2 GIFTED	1 Elective Credit
<p>This course is a study of mankind's cultural achievements beginning with the early religious art around 300 A.D. and ending with the late Gothic art and architecture around 1400 A.D. The in-depth focus of this course will be primarily on World Literature, Art, Architecture, Music, Theatre and Dance. This study will include a study of each of the major world religions: Judaism, Christianity, Islam, Hinduism and Buddhism. Theme centered seminars will be offered.</p> <p>Prerequisite: GEP OR Entrada status</p>		
900144	HUMANITIES 3 GIFTED	1 Elective Credit
<p>This course is a study of mankind's cultural achievements from the early 1400s to the late 1700s covering the periods of the Renaissance, Baroque and Rococo. The in-depth focus of this course will be primarily on World Literature, Art, Architecture, Music, Theatre and Dance. Theme centered seminars will be offered.</p> <p>Prerequisite: GEP OR Entrada status</p>		
900154	HUMANITIES 4 GIFTED	1 Elective Credit
<p>This course is a study of mankind's cultural achievements from the late 1700s to the present. The in-depth focus of this course will be primarily on World Literature, Art, Architecture, Music, Theatre and Dance. This course includes a study of Neoclassicism, Romanticism, Realism, Impressionism, Expressionism, Abstract Art, Surrealism, Modernism, and Post-Modernism. Theme centered seminars will be offered.</p> <p>Prerequisite: GEP OR Entrada stat</p>		
901254	SPECIAL TOPICS 1 – GIFTED	1 Elective Credit
<p>This course provides in-depth study based on student interests and/or teacher interests and expertise. This course utilizes curricular options for high-end learning to develop research skills and methods, with an emphasis on independent or self-directed study skills. Theme centered seminars will be offered.</p> <p>Prerequisite: GEP OR Entrada status</p>		
901264	SPECIAL TOPICS 2 – GIFTED	1 Elective Credit
<p>This course provides in-depth study based on student interests and/or teacher interests and expertise. This course utilizes curricular options for high-end learning to develop research skills and methods, with an emphasis on independent or self-directed study skills. Theme centered seminars will be offered.</p> <p>Prerequisite: GEP OR Entrada status</p>		
902254	SPECIAL TOPICS 3 – GIFTED	1 Elective Credit
<p>This course provides in-depth study based on student interests and/or teacher interests and expertise. This course utilizes curricular options for high-end learning to develop research skills and methods, with an emphasis on independent or self-directed study skills. Theme centered seminars will be offered.</p> <p>Prerequisite: GEP OR Entrada status</p>		
902264	SPECIAL TOPICS 4 – GIFTED	1 Elective Credit
<p>This course provides in-depth study based on student interests and/or teacher interests and expertise. This course utilizes curricular options for high-end learning to develop research skills and methods, with an emphasis on independent or self-directed study skills. Theme centered seminars will be offered.</p> <p>Prerequisite: GEP OR Entrada status</p>		
901009	GT DIRECTED STUDIES	½ Credit
<p>This course provides specially designed experiences for students to conduct extensive research in any particular academic area not included in the regular curriculum. <i>This course may include job shadowing and/or mentorship experiences.</i></p>		
902009	GT INTERNATIONAL STUDIES	½ Credit
<p>This course is designed to equip students with the knowledge and skills needed to actively and accurately participate in a Model United Nations simulation. Class activities will include a study of the United Nations, in- depth research on a member nation, discussion of current issues before the UN, an understanding of parliamentary procedure, and development of speech and debate skills.</p>		

903009

GT ADVANCED SEMINAR

½ Credit

This course provides an opportunity for students to participate in experiences and gather information in order to foster success in high school and preparation for life after high school. Topics discussed will address social- emotional needs, creative and critical thinking skills, and college and/or career planning. *This course may include job shadowing and/or mentorship experiences.*

904009

GT COMMUNICATIONS SEMINAR

½ Credit

This course provides instruction and practice in skills and forms of speaking before groups and audiences, including stage speech (speech for the actor and recitalist); demonstrative speech; informative speech and persuasive speech.

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.

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

INDEX OF COURSES

<u>COURSE #</u>	<u>COURSE TITLE</u>
250002	Health Education 10
250003	Advanced Health Exploration
250003ab	Global Health
250003ac	Nutrition and Diet

DESCRIPTION OF COURSES

250002 HEALTH EDUCATION 10 ½ 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.

Special Note: This course meets the graduation requirement for Health.

250003 ADVANCED HEALTH EXPLORATION ½ Credit

This course is designed to provide students with in-depth instruction in health concepts, issues and careers.

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 (9 week course) ½ 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.

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. Students must take JROTC courses for two semesters to receive credit for Physical Education.

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.

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

DESCRIPTION OF COURSES

480041 ARMY JROTC 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.

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.

Prerequisite: Senior Army Instructor approval.

480042 ARMY JROTC 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.

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.

Prerequisite: Senior Army Instructor approval.

480043 ARMY JROTC 3 1 Credit

This course begins the advance level of applied practical leadership providing opportunities for 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.

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."

Prerequisite: Senior Army Instructor approval

480044	ARMY JROTC 4	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval.</p>		
480048	ARMY JROTC 4b	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		
480074	LEADERSHIP AND FOUNDATIONS FOR SUCCESS	1 Credit
<p>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.</p> <p>Special Note: Currently a required course for all incoming freshmen students at Citronelle, LeFlore, B.C. Rain, Vigor and Williamson.</p>		
480411aa	ARMY JROTC DRILL 1a (Fall Semester)	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		
480411ab	ARMY JROTC DRILL 1b (Spring Semester)	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		
480412aa	ARMY JROTC DRILL 2a (Fall Semester)	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		
480412ab	ARMY JROTC DRILL 2b (Spring Semester)	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		
480413aa	ARMY JROTC DRILL 3a (Fall Semester)	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		

480413ab	ARMY JROTC DRILL 3b (Spring Semester)	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		
480414aa	ARMY JROTC DRILL 4a (Fall Semester)	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		
480414ab	ARMY JROTC DRILL 4b (Spring Semester)	1 Credit
<p>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.</p> <p>Prerequisite: Senior Army Instructor approval</p>		
480061	NAVAL SCIENCE 1	1 Credit
<p>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.</p> <p>Prerequisite: Senior Naval Science Instructor approval</p> <p>Special Note: Currently offered at Davidson</p>		
480066	NAVAL SCIENCE 1b	1 Credit
<p>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.</p> <p>Prerequisite: Senior Naval Science Instructor approval</p> <p>Special Note: Currently offered at Davidson</p>		
480062	NAVAL SCIENCE 2	1 Credit
<p>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.</p> <p>Prerequisite: Senior Naval Science Instructor approval</p> <p>Special Note: Currently offered at Davidson.</p>		
480067	NAVAL SCIENCE 2b	1 Credit
<p>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.</p> <p>Prerequisite: Senior Naval Science Instructor approval</p> <p>Special Note: Currently offered at Davidson</p>		
480063	NAVAL SCIENCE 3	1 Credit
<p>This course provides ongoing instruction in communication skills, leadership, citizenship, physical fitness and military drill. Principles of military and civilian justice, international law at sea and national security are also covered.</p> <p>Prerequisite: Senior Naval Science Instructor approval</p> <p>Special Note: Currently offered at Davidson</p>		

480068	NAVAL SCIENCE 3b	1 Credit
<p>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. Prerequisite: Senior Naval Science Instructor approval Special Note: Currently offered at Davidson</p>		
480064	NAVAL SCIENCE 4	1 Credit
<p>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. Prerequisite: Senior Naval Science Instructor approval Special Note: Currently offered at Davidson</p>		
480069	NAVAL SCIENCE 4B	1 Credit
<p>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. Prerequisite: Senior Naval Science Instructor approval Special Note: Currently offered at Davidson</p>		
480076	SENIOR CAREER PATHWAY (GOVT. & PUBLIC ADMINISTRATION)	1 Credit
<p>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) Special Note: Course may progress using Course Codes 480076aa, ab</p>		
480070	JROTC LEADERSHIP APPLICATION: AJROTC/NJROTC	½ Credit
<p>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: Course may progress using Course Codes 480070aa, ab, ac, ad</p>		
480071	GEOGRAPHY – MAPS AND REGIONS: AJROTC/NJROTC	½ Credit
<p>This course is designed to build map reading and land navigation skill. It also develops global awareness as cadets compare physical, political, economic and cultural elements of continents, region and countries and examine the global nature of environmental issues. (Does not meet requirement for JROTC PE Credit) Special Note: Course may progress using Course Codes 480071aa, ab, ac, ad, ae, af, ag, ah.</p>		
480072	SUCCESS FOR LIFE: AJROTC/NJROTC	½ Credit
<p>This course is designed to provide for students a wide range of skill and habits that are life enhancing and important to success in any field of endeavor. Subjects included: Writing with a focus on business, technical and resume writing; Financial Management with a focus money management, credit budgeting taxes, home ownership and mortgages; Continuing Educational Opportunities and Healthy Lifestyle with focus on lifelong physical well- being and personal appearance/presentation. (Does not meet requirement for JROTC PE Credit) Special Note: Course may progress using Course Codes 480072aa, ab, ac, ad, ae, af, ag, ah</p>		
480073	ACT/SAT PREP: AJROTC/NJROTC	½ Credit
<p>This course is designed to use the March2Success Distance Learning Course developed by the United States Army to enhance student skills in Math and Language Arts to improve student performance on college entrance tests. Computer lab will be necessary for this course. (Does not meet requirement for JROTC PE Credit) Special Note: Course may progress using Course Codes 480073aa, ab, ac, ad, ae, af, ag, ah</p>		

480077

**DRILL & CEREMONIES – TECHNIQUES & PROCEDURES:
AJROTC/NJROTC**

½ Credit

This course concentrates on advanced leadership skills and concentrates on advanced leadership skills utilizing *Drill and Ceremonies* and *Staff functions* as the primary scenario for this leadership practicum. (Does not meet requirement for JROTC PE Credit).

Special Note: Course may progress using Course Codes 480077aa, ab, ac, ad, ae, af, ag, ah

480075

CITIZENSHIP AND THE CONSTITUTION: AJROTC/NJROTC

½ 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: Course may progress using Course Codes 480075aa, ab, ac, ad, ae, af, ag, ah

NINETY-MINUTE (REGULAR) JROTC COURSE (FULL CREDIT) OPTIONS

INDEX OF COURSES

**480041	ARMY JROTC 1	(Fall Semester)	[FRESHMAN]
**480045	ARMY JROTC1 b	(Spring Semester)	
*480042	ARMY JROTC 2	(Fall Semester)	[SOPHOMORES]
*480046	ARMY JROTC 2b	(Spring Semester)	
*480043	ARMY JROTC 3	(Fall Semester)	[JUNIORS]
*480047	ARMY JROTC 3b	(Spring Semester)	
*480044	ARMY JROTC 4	(Fall Semester)	[SENIORS]
*480048	ARMY JROTC 4b	(Spring Semester)	
***480074	Leadership and Foundation for Success (Both Semesters: Required for all Freshman at Citronelle, LeFlore, Rain, Vigor, & Williamson High Schools)		
*480411aa	ARMY JROTC DRILL 1a	(Fall Semester)	
*480411ab	ARMY JROTC DRILL 1b	(Spring Semester)	
*480412aa	ARMY JROTC DRILL 1a	(Fall Semester)	
*480412ab	ARMY JROTC DRILL 1a	(Spring Semester)	
*480413aa	ARMY JROTC DRILL 1a	(Fall Semester)	
*480413ab	ARMY JROTC DRILL 1a	(Spring Semester)	
*480414aa	ARMY JROTC DRILL 1a	(Fall Semester)	
*48014ab	ARMY JROTC DRILL 1b	(Spring Semester)	
**480061	Naval Science 1	(Fall Semester)	[FRESHMAN]
**480066	Naval Science 1b	(Spring Semester)	
*480062	Naval Science 2	(Fall Semester)	[SOPHOMORES]
*480067	Naval Science 2b	(Spring Semester)	
*480063	Naval Science 3	(Fall Semester)	[JUNIORS]
*480068	Naval Science 3b	(Spring Semester)	
*480064	Naval Science 4	(Fall Semester)	[SENIORS]
*480069	Naval Science 4b	(Spring Semester)	

480076 Senior Career Pathway Project (Government & Public Administration) (Both Semesters)
aa, ab (CO-OP/Internship Course-Seniors Only- Requires Approval of SAI/SNI)
{Note Progression "Shred-out"}

NINETY-MINUTE (REGULAR) JROTC COURSE (1/2 CREDIT) OPTION

480070 JROTC Leadership Application: Army/Navy (.5) (Every Semester, Quarters 1-4)
aa, ab, ac, ad (Normally paired w/Health, Drivers Ed, or Team Sports)
{Note Progression "Shred-Out"}

FORTY-FIVE MINUTE ("SKINNY" BLOCK (1/2 CREDIT) OPTIONS

480071 Geography – Maps and Regions: AJROTC/NJROTC (Both Semesters)
aa, ab, ac, ad {Note Progression "Shred-out"}
ae, ag, ah, af

480072 Success for Life: AJROTC/NJROTC (Both Semesters)
aa, ab, ac, ad {Note Progression "Shred-out"}
ae, ag, ah, af

480073 ACT/SAT Prep: AJROTC/NJROTC (Both Semesters)
aa, ab, ac, ad {Note Progression "Shred-out"}
ae, ag, ah, af

<p>480077 aa, ab, ac, ad ae, ag, ah, af</p> <p>470075 aa, ab, ac, ad ae, ag, ah, af</p>	<p>Drill & Ceremony – Techniques and Procedures: AJROTC/NJROTC (Both Semesters) {Note Progression “Shred-out”}</p> <p>Citizenship and the Constitution: AJROTC/.NJROTC (Both Semesters) {Note Progression “Shred-out”}</p>	
<p>Note: * - These courses include an embedded .5 credit for Physical Education (PE)</p> <p>Note: ** - These Freshman Courses include an embedded .5 credit for PE and .5 credit for the Career Preparedness Course. If a freshman student takes JROTC for both fall and spring semesters, they will receive a total of two credits and fulfill two additional requirements for graduation – Physical Education and Career Preparedness.</p> <p>Note: *** - Includes an embedded .5 credit for PE and a full credit (1 credit) for the Career Preparedness Course. The pacing guide was modified to include all 23 ALSDE standards associated with the Career Preparedness Course.</p>		

The Library Media Management Program provides opportunities for students to experience training in media skills. This training is essential in order for program participants to assist with information retrieval services to fellow students, teachers and the school. Through this training, positive attitudes and special abilities are developed and fostered. All credits in library media management courses may count toward Alabama Graduation Requirements for electives. In order for students to be enrolled in these courses, the students must have approval from the school librarian(s). There is an enrollment limit off 4 students per block.

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

INDEX OF COURSES

<u>COURSE #</u>	<u>COURSE TITLE</u>
802206af	Media Management 1
802206ag	Media Management 2
802206ah	Media Management 3
802206ai	Media Management 4

DESCRIPTION OF COURSES

802206af MEDIA MANAGEMENT 1 1 Credit

This course is designed for students to broaden their experiences in the library media center (LMC) and to become more adept and confident in their use of instructional media and newer technologies used in accessing and retrieving information. (Maximum enrollment is four students per block.)

Prerequisite: Basic computer literacy and/or typing skills

802206ag MEDIA MANAGEMENT 2 1 Credit

This course continues the students' use of instructional media and technologies used in accessing and retrieving information. (Maximum enrollment is four students per block.)

Prerequisite: Media Management 1 (802206af)

802206ah MEDIA MANAGEMENT 3 1 Credit

This course emphasizes the creation of materials and displays to support the mission of the library media center. (Maximum enrollment is four students per block.)

Prerequisite: Media Management 1 and 2 (802206af, 802206ag)

802206ai MEDIA MANAGEMENT 4 1 Credit

This course continues the development of materials and displays to support the mission of the library media center. (Maximum enrollment is four students per block.)

Prerequisite: Media Management 1-3 (802206af, 802206ag, 802206ah)

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 real world 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.

INDEX OF COURSES

<u>COURSE #</u>	<u>COURSE TITLE</u>
210032au	Algebra 1 Prerequisite
210005	Algebra 1
*210006	Algebra 1 Honors
*210007	Pre-IB Algebra 1
210032ax	Geometry Prerequisite
210010	Geometry
*210011	Geometry Honors
*210012	Pre-IB Geometry
210015	Algebraic Connections
400024	Career Mathematics
400028	Career Mathematics A
400029	Career Mathematics B
210036	Algebra with Finance
210016	Algebra 2
*210017	Algebra 2 with Trigonometry Honors
*210017ab	Algebra 2 with Trigonometry Honors Advanced
*210017aa	Pre-IB Algebra 2 with Trigonometry
*210018	Discrete Mathematics Honors
*210019	Mathematical Investigations Honors
*210020	PreCalculus Honors
***210028	PreCalculus IB
**907601	PreCalculus and Dual Enrollment PreCalculus Algebra (MTH 112)
**907602	PreCalculus and Dual Enrollment PreCalculus Trigonometry (MTH 113)
**907603	PreCalculus and Dual Enrollment PreCalculus (MTH 115)
*210034	Analytical Mathematics Honors
**907605	Calculus and Dual Enrollment Calculus (MTH 125)
**210025	Advanced Placement Calculus AB
**210026	Advanced Placement Calculus BC
***210030aa	IB Calculus
**210027	Advanced Placement Statistics
*210030ca	EPIC Special Topics/Mathematics INFINITY (Davidson High Only)
*210030cd	EPIC Special Topics/Mathematics FLUID DYNAMICS (Davidson High Only)
***210032bm	AP Capstone Seminar Math (bn)
***210032bo	AP Capstone Research Math (bp)
**520007	Computer Science A, AP
520008	Computer Science Principles

***Honors, Pre-International Baccalaureate (Pre-IB), and other Weighted Courses**
****Advanced Placement and Dual Enrollment**
*****International Baccalaureate (IB) Courses and Capstone AP**

ELECTIVE COURSES

The following courses can be used as general electives; however, they will not count as mathematic credits toward the 4 needed for graduation:

Advanced Placement/Dual Enrollment

210030bp	Math Lab 1 (bq)
210030bs	Math Lab 2 (bt)
210032bj	Calculus AB Lab (bk)
210030bm	Calculus BC Lab (bn)
210030bh	Statistics Lab (bi)
210030da	AP Capstone Seminar Math
210030dc	AP Capstone Research Math

International Baccalaureate

***210031	IB Math Studies (aa)
***210031ab	IB Math Special Topics (ac)

EPIC

210030ca	Math Special Topics EPIC (cb)
210030cd	Math Special Topics EPIC Honors (cc)
210030cf	Infinity A (cg)
210030ch	Infinity B (ck)
210030cm	Fluid Dynamics A (cn)
210030cp	Fluid Dynamics B (cq)

General

210032ar	Mentoring Math Special Topics (at)
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FORTY-FIVE MINI BLOCK (“SKINNY”) BLOCK COURSES

Tier I

210032ba	Algebra 1 Lab (bb)
210032bc	Geometry Lab (bd)
210032be	Algebra 2/Trigonometry Lab (bf)
210032bg	Algebra 2 Lab (bh)
210032bi	Precalculus Lab (bj)

Tier II

210033aa	Focus on Algebra (aa)
210033ag	Focus on Geometry (ah)

Tier III

210033ab	Mathematics for Life (ac)
210033ad	Mathematics Connections (af)



STATE OF ALABAMA
DEPARTMENT OF EDUCATION



Thomas R. Bice
State Superintendent of Education

May 26, 2015

Alabama
State Board
of Education

MEMORANDUM

Governor
Robert Bentley
President

TO: City and County Superintendents of Education

Al Thompson
District I

FROM: Thomas R. Bice
State Superintendent of Education

Betty Peters
District II

RE: Mathematics Pathways

Stephanie Bell
District III

The additional substitute courses referenced in the *Approved Courses in Mathematics and Science* (FY15-1013) memorandum dated April 3, 2015, has generated numerous telephone calls and e-mails inquiring about pathways of mathematics using the courses in the mathematics course of study, substitute courses, and special education courses. Inquiries have addressed how these may all fit together in assisting students in becoming prepared for their goals in high school and afterwards.

Yvette M.
Richardson, Ed.D.
District IV

Students should choose their mathematics courses carefully and with intense counseling. The courses should be selected that would best aid the students in preparing for their college and career plans. Four-year plans may require mathematics course adjustments in the higher grades as the students' focus becomes clearer regarding future post-high school goals and mathematics preparation needed to be successful.

Ella B. Bell
District V
Vice President

Students need to be familiar with the college or university mathematics admissions requirements of the institutions they plan to attend. Certain scholarships may also have high school mathematics course requirements. Athletes need to know if the National Collegiate Athletic Association (NCAA) approves the selected mathematics course credits for eligibility. One of the most important considerations is whether the mathematics courses selected will prepare the student for his/her future college or career goals. If a local education agency (LEA) is considering using dual enrollment to meet high school mathematics course requirements, the LEA should consider working closely with postsecondary institutions to develop courses that align with high school course standards.

Cynthia McCarty, Ph.D.
District VI

Jeff Newman
District VII
President Pro Tern

Mary Scott Hunter, J.D.
District VIII

The accompanying document provides possible mathematics pathways for students, parents, and counselors to consider as the student prepares for high school mathematics course credits. Some students begin to earn high school mathematics credits as early as Grade 7 or Grade 8. If high school credits are earned earlier than Grade 9, the students who have been advanced need to know what mathematics courses will be available in Grades 9-12. The purpose for advancing students in mathematics is to ensure that the students may receive

Thomas R. Bice, Ed.D.
Secretary and
Executive Officer

City and County Superintendents of Education

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May 26, 2015

additional mathematics credit in high school. The charts provide possible pathways for those students. The charts also describe pathways for students who are on track for earning their mathematics credits in Grades 9-12. Possible pathways for regular education students with special needs or students with disabilities have also been included.

If you have questions concerning the mathematics pathways, please contact Dr. Susan B. Davis at (334) 353-9151 or by e-mail at sdavis@alsde.edu or Mrs. Alicia Hodge at (334) 242-8114 or by e-mail at ahodge@alsde.edu.

TRBIRAN/LM

Attachments

cc: LEA Curriculum Directors LEA
Counselors
LEA Technology Coordinators
Principals
Dr. Susan B. Davis
Mrs. Alicia Hodge

MCPSS High School Mathematics Pathways

Math 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1
Math 2	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry
Math 3	Algebraic Connections	Algebraic Connections	Algebraic Connection	Algebraic Connections	Career Mathematics A	Computer Science Principles
Math 4	Algebra 2 With Trigonometry	Algebra 2	Algebra with Finance	Career Mathematics	Career Mathematics B	Algebra 2

- Selected mathematics courses should be checked by the students, with counselor guidance, for acceptance by NCAA, certain scholarship, college or university admission requirements, and/or chosen career goals.
- Student must be well counseled before they enroll in any mathematics course, including substitute courses.
- Mathematics courses should be carefully chosen for the student's four-year plan and modified as the student narrows his/her focus on post-high-school goals.
- Mathematics courses should be selected by each student, with proper counseling, that will enable him/her to be successfully prepared to reach his/her desired post-high schools goal(s).

MCPSS High School Mathematics Pathways

Math 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1	Algebra 1 Prerequisite And Algebra 1
Math 2	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry	Geometry Prerequisite And Geometry
Math 3	Computer Science Principles	Computer Science Principles	Computer Science A, AP	Computer Science A, AP	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry
Math 4	Algebra 2	Algebra 2 With Trigonometry	Algebra 2	Algebra 2 With Trigonometry	Computer Science Principles	Computer Science A, AP

- Selected mathematics courses should be checked by the students, with counselor guidance, for acceptance by NCAA, certain scholarship, college or university admission requirements, and/or chosen career goals.
- Student must be well counseled before they enroll in any mathematics course, including substitute courses.
- Mathematics courses should be carefully chosen for the student's four-year plan and modified as the student narrows his/her focus on post-high-school goals.
- Mathematics courses should be selected by each student, with proper counseling, that will enable him/her to be successfully prepared to reach his/her desired post-high schools goal(s).

MCPSS High School Mathematics Pathways

Math 1	Algebra 1	Algebra 1	Algebra 1	Algebra 1	Algebra 1	Algebra 1
Math 2	Geometry	Geometry	Geometry	Geometry	Geometry	Geometry
Math 3	Algebraic Connections	Algebraic Connections	Algebraic Connections	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry
Math 4	Algebra 2	Algebra 2 With Trigonometry	Algebra with Finance	Analytical Mathematics	Discrete Mathematics	Mathematical Investigations

- Selected mathematics courses should be checked by the students, with counselor guidance, for acceptance by NCAA, certain scholarship, college or university admission requirements, and/or chosen career goals.
- Student must be well counseled before they enroll in any mathematics course, including substitute courses.
- Mathematics courses should be carefully chosen for the student's four-year plan and modified as the student narrows his/her focus on post-high-school goals.
- Mathematics courses should be selected by each student, with proper counseling, that will enable him/her to be successfully prepared to reach his/her desired post-high schools goal(s).

MCPSS High School Mathematics Pathways

Math 1	Algebra 1	Geometry	Geometry	Geometry	Geometry
Math 2	Geometry	Algebraic Connections	Algebraic Connections	Algebraic Connections	Algebraic Connections
Math 3	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry
Math 4	PreCalculus	Analytical Mathematics	Discrete Mathematics	Mathematical Investigations	PreCalculus

- Selected mathematics courses should be checked by the students, with counselor guidance, for acceptance by NCAA, certain scholarship, college or university admission requirements, and/or chosen career goals.
- Student must be well counseled before they enroll in any mathematics course, including substitute courses.
- Mathematics courses should be carefully chosen for the student's four-year plan and modified as the student narrows his/her focus on post-high-school goals.
- Mathematics courses should be selected by each student, with proper counseling, that will enable him/her to be successfully prepared to reach his/her desired post-high schools goal(s).

MCPSS High School Mathematics Pathways

Math 1	Algebra 1	Geometry	Geometry	Geometry	Geometry
Math 2	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry	Algebra 2 with Trigonometry
Math 3	PreCalculus	PreCalculus	Analytical Mathematics	Discrete Mathematics	Mathematical Investigations
Math 4	Calculus AP	Statistics AP	Calculus AP or Statistics AP	Calculus AP or Statistics AP	Calculus AP or Statistics AP

- **Selected mathematics courses should be checked by the students, with counselor guidance, for acceptance by NCAA, certain scholarship, college or university admission requirements, and/or chosen career goals.**
- **Student must be well counseled before they enroll in any mathematics course, including substitute courses.**
- **Mathematics courses should be carefully chosen for the student's four-year plan and modified as the student narrows his/her focus on post-high-school goals.**
- **Mathematics courses should be selected by each student, with proper counseling, that will enable him/her to be successfully prepared to reach his/her desired post-high schools goal(s).**

**MCPSS High School Mathematics Pathways
Using
Special Education and General Education Courses**

Math 1	Algebra Prerequisite Algebra 1	Algebra Prerequisite Algebra 1	Algebra Prerequisite Algebra 1	Algebra Prerequisite Algebra 1
Math 2	Geometry Essentials A & B	Geometry Essentials A & B	Geometry Essentials A & B	Geometry Essentials A & B
Math 3	Algebraic Connections	Algebraic Connections	Algebraic Connections	Algebraic Connections
Math 4	Career Mathematics	Algebra with Finance	Algebra 2	Algebra 2 with Trigonometry

- Selected mathematics courses should be checked by the students, with counselor guidance, for acceptance by NCAA, certain scholarship, college or university admission requirements, and/or chosen career goals.
- Student must be well counseled before they enroll in any mathematics course, including substitute courses.
- Mathematics courses should be carefully chosen for the student's four-year plan and modified as the student narrows his/her focus on post-high-school goals.
- Mathematics courses should be selected by each student, with proper counseling, that will enable him/her to be successfully prepared to reach his/her desired post-high schools goal(s).

**MCPSS High School Mathematics Pathways
Using
Special Education and General Education Courses**

Math 1	Algebraic Essentials A & B	Algebra Prerequisite Algebra 1	Algebra Prerequisite Algebra 1	Algebra Prerequisite Algebra 1
Math 2	Geometry Prerequisite Geometry	Geometry Prerequisite Geometry	Geometry Prerequisite Geometry	Geometry Prerequisite Geometry
Math 3	Algebraic Connections	Algebraic Connections	Algebraic Connections	Algebraic Connections
Math 4	Career Mathematics	Algebra with Finance	Algebra 2	Algebra 2 with Trigonometry

- Selected mathematics courses should be checked by the students, with counselor guidance, for acceptance by NCAA, certain scholarship, college or university admission requirements, and/or chosen career goals.
- Student must be well counseled before they enroll in any mathematics course, including substitute courses.
- Mathematics courses should be carefully chosen for the student's four-year plan and modified as the student narrows his/her focus on post-high-school goals.
- Mathematics courses should be selected by each student, with proper counseling, that will enable him/her to be successfully prepared to reach his/her desired post-high schools goal(s).

**MCPSS High School Mathematics Pathways
Using
Special Education and General Education Courses**

Math 1	Algebra Prerequisite Algebra 1	Algebra Prerequisite Algebra 1	Algebra Prerequisite Algebra 1	Algebra Prerequisite Algebra 1
Math 2	Geometry Essentials A	Geometry Essentials A	Geometry Essentials A	Geometry Essentials A
Math 3	Geometry Essentials B	Geometry Essentials B	Geometry Essentials B	Geometry Essentials B
Math 4	Career Mathematics	Algebra with Finance	Algebra 2	Algebra 2 with Trigonometry

- Selected mathematics courses should be checked by the students, with counselor guidance, for acceptance by NCAA, certain scholarship, college or university admission requirements, and/or chosen career goals.
- Student must be well counseled before they enroll in any mathematics course, including substitute courses.
- Mathematics courses should be carefully chosen for the student's four-year plan and modified as the student narrows his/her focus on post-high-school goals.
- Mathematics courses should be selected by each student, with proper counseling, that will enable him/her to be successfully prepared to reach his/her desired post-high schools goal(s).

**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.

DESCRIPTION OF COURSES

210033ab MATHEMATICS FOR LIFE $\frac{1}{2}$ Elective Credit

This course provides opportunities for students to study mathematics in everyday life situations. It begins with the study of concepts needed for survival in daily life. The students will study budgeting, checking accounts, interest rates, savings accounts and sales tax, discounts, commission and other related concepts. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one-half elective credit for this class.

210033aa FOCUS ON ALGEBRA $\frac{1}{2}$ Elective Credit

This course provides opportunities for students an opportunity to receive assistance in Algebra IA/IB daily. The students will increase their Algebra 1 knowledge through the application of Algebraic concepts. This class is designed for students who are taking Algebra 1A and would like to increase their knowledge of Algebraic concepts through project based learning. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one-half elective credit for this class.

210033ad MATHEMATICS CONNECTIONS $\frac{1}{2}$ Elective Credit

This course provides students an opportunity to receive additional help in mathematics daily. The students will increase their mathematics knowledge through the application of mathematics concepts. This class is designed for students who are taking general mathematics classes and would like to increase their knowledge of mathematics concepts through project based learning. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one-half elective credit for this class.

210032ba ALGEBRA 1 LAB $\frac{1}{2}$ Elective Credit

This course provides students an opportunity to receive additional help in Algebra I daily. The student will increase their Algebra I knowledge through the application of Algebraic concepts. This class is designed for students who are taking Algebra I and would like to increase their knowledge of Algebraic concepts through project based learning. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one-half elective credit for this class.

210033ag FOCUS ON GEOMETRY $\frac{1}{2}$ Elective Credit

This course provides students an opportunity to receive additional help in geometry daily. The students will increase their mathematics knowledge through the application of geometric concepts. This class is designed for students who are taking general geometry classes and would like to increase their knowledge of mathematics concepts through project based learning. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one-half elective credit for this class.

210032au ALGEBRA 1 PREREQUISITE 1 Elective 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. This course is designed for the regular student. It does not satisfy the requirements for any advanced diplomas.

Recommended Next Course: Algebra I

210005 ALGEBRA 1 1 Mathematics 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. This course satisfies the requirements for an advanced diploma.

Recommended Next Course: Geometry Prerequisite or Geometry

***210007** **PRE-IB ALGEBRA 1** **1 Mathematics 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

***210006** **ALGEBRA 1 HONORS** **1 Mathematics 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

210032ax **GEOMETRY PREREQUISITE** **1 Elective Credit**

This course begins the development of geometric concepts. Processes which can be used to solve a variety of real world and mathematical problems are explored. This course is designed for the regular student. It does not satisfy the requirements for any advanced diplomas.

Recommended Next Course: Geometry

210010 **GEOMETRY** **1 Mathematics 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. This course satisfies the requirements for an advanced diploma.

Prerequisite: Algebra I

Recommended Next Course: Algebraic Connections Prerequisite, Algebraic Connections, Algebra II or Algebra II with Trigonometry HR

***210011** **GEOMETRY HONORS** **1 Mathematics 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 Honors

Recommended Next Course: Algebra II with Trigonometry HR or Algebra II with Trigonometry Honors Advanced

210032bc **GEOMETRY LAB** **½ Elective Credit**

This course provides students an opportunity to receive additional help in Geometry daily. The student will increase their Geometry knowledge through the application of geometric concepts. This class is designed for students who are taking Geometry and would like to increase their knowledge of the concepts through project based learning. This course will be taught every day for 45 minutes during the semester.

Recommended Next Course: A student may earn one-half elective credit for this course

***210012** **PRE-IB GEOMETRY** **1 Mathematics 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 Mathematics 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

400024 CAREER MATHEMATICS 1 Mathematics Credit

Career Mathematics is a course that provides students with a bridge to mathematical empowerment needed to make responsible financial and economic decisions while applying mathematic concepts into a career setting. The course is designed for integrating mathematics and career and technical curriculum. Students are given the opportunity to utilize math concepts that are integrated into career and technical education.

Prerequisite: Geometry

400028 CAREER MATHEMATICS A ½ Mathematics Credit

Career Mathematics A is the first half of the Career Mathematics course that provides students with a bridge to mathematical empowerment needed to make responsible financial and economic decisions while applying mathematic concepts into a career setting. The course is designed for integrating mathematics and career and technical curriculum. Students are given the opportunity to utilize math concepts that are integrated into career and technical education. This course will be taught every day for 45 minutes during the semester.

Prerequisite: Geometry

400029 CAREER MATHEMATICS B ½ Mathematics Credit

Career Mathematics B is the second half of the Career Mathematics course that provides students with a bridge to mathematical empowerment needed to make responsible financial and economic decisions while applying mathematic concepts into a career setting. The course is designed for integrating mathematics and career and technical curriculum. Students are given the opportunity to utilize math concepts that are integrated into career and technical education. This course will be taught every day for 45 minutes during the semester.

Prerequisite: Career Mathematics A

210036 ALGEBRA WITH FINANCE 1 Mathematics 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

Special Note: A student may earn a math credit in either Algebra with Finance, Algebra II or Algebra II with Trigonometry as their fourth math credit.

210016 ALGEBRA 2 1 Mathematics 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**.

210032bg ALGEBRA 2 LAB ½ Elective Credit

This course provides students an opportunity to receive additional help in Algebra 2 daily. The student will increase their Algebra 2 knowledge through the application of Algebra 2 concepts. This class is designed for students who are taking Algebra 2 and would like to increase their knowledge of the concepts through project based learning. This course will be taught every day for 45 minutes during the semester

Recommended Next Course: A student may earn one-half elective credit for this class

***210017 ALGEBRA 2 TRIGONOMETRY HONORS 1 Mathematics 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 IB ALGEBRA 2 WITH TRIGONOMETRY 1 Mathematics 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 ADVANCED 1 Mathematics 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

210032be ALGEBRA 2 WITH TRIGONOMETRY LAB ½ Elective Credit

This course provides students an opportunity to receive additional help in Algebra 2/Trigonometry daily. The student will increase their Algebra 2/Trigonometry knowledge through the application of Algebra 2/Trigonometry concepts. This class is designed for students who are taking Algebra 2/Trigonometry and would like to increase their knowledge of the concepts through project based learning. This course will be taught every day for 45 minutes during the semester

Prerequisite: None

Recommended Next Course: A student may earn one-half elective credit for this class.

***210019 MATHEMATICAL INVESTIGATIONS HONORS 1 Mathematics 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 Elective 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 at Davidson ONLY

***210030cd EPIC MATH SPECIAL TOPICS/FLUID DYNAMICS 1 Elective 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 at Davidson ONLY

***210030cf EPIC MATH SPECIAL TOPICS/INFINITY A 1 Elective 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. This course will be taught every day for 45 minutes during the semester.

Prerequisite: Algebra II with Trigonometry HR

Special Note: Currently offered at Davidson ONLY

***210030ch EPIC MATH SPECIAL TOPICS/INFINITY B 1 Elective 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. This course will be taught every day for 45 minutes during the semester.

Prerequisite: EPIC Infinity A

Special Note: Currently offered at Davidson ONLY

***210030cm EPIC MATH SPECIAL TOPICS/FLUID DYNAMICS A 1 Elective 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. This course will be taught every day for 45 minutes during the semester.

Prerequisite: EPIC Infinity or Infinity B

Special Note: Currently offered at Davidson ONLY

***210030ep** **EPIC MATH SPECIAL TOPICS/FLUID DYNAMICS B** **½ Elective 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. This course will be taught every day for 45 minutes during the semester.

Prerequisite: Fluid Dynamics A

Special Note: Currently offered at Davidson ONLY

****210030da** **AP CAPSTONE SEMINAR MATH** **1 Elective 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

*****210030dc** **AP CAPSTONE RESEARCH MATH** **1 Elective 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 at Baker Only

***210018** **DISCRETE MATHEMATICS HONORS** **1 Mathematics 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, combinatorial reasoning, counting techniques, algorithms, sequences, and their applications.

Prerequisite: Algebra II with Trigonometry HR

***210034** **ANALYTICAL MATHEMATICS HONORS** **1 Mathematics Credit**

This course provides a structured introduction to linear algebra, logic, vectors, and matrices.

Prerequisite: Algebra II with Trigonometry HR or Discrete Mathematics HR

***210020** **PRECALCULUS HONORS** **1 Mathematics 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

210032bc **PRECALCULUS LAB** **½ Elective Credit**

This course provides students an opportunity to receive additional help in PreCalculus daily. The student will increase their PreCalculus knowledge through the application of concepts. This class is designed for students who are taking PreCalculus and would like to increase their knowledge of the concepts through project based learning.

Recommended Next Course: A student may earn one-half elective credit for this class.

*****210028** **IB PRECALCULUS** **1 Mathematics 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 PRECALCULUS** **1 Mathematics Credit**
PRECALCULUS ALGEBRA (MTH 112) **3 Semester Hours**

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** **1 Mathematics Credit**
PRECALCULUS TRIGONOMETRY (MTH 113) **3 Semester Hours**

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** **1 Mathematics Credit**
PRECALCULUS (MTH 115) **3 Semester Hours**

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 Mathematics 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

****210030bh** **AP/DUAL ENROLLMENT STATISTICS LAB** **½ Elective Credit**

This course is designed to provide additional assistance to AP students who are preparing for the AP Statistics exam. The students will receive help to be successful on the end of the year AP exam and in upper level mathematics college courses. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one- half elective honors credit for this class

****907605** **DUAL ENROLLMENT CALCULUS** **1 Mathematics Credit**
CALCULUS (MTH 125) **3 Semester Hours**

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 PreCalculus Credit.

****210025** **ADVANCED PLACEMENT CALCULUS AB** **1 Mathematics 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 PreCalculus or IB PreCalculus

****210030bj** **AP/DUAL ENROLLMENT CALCULUS AB LAB** **½ Elective Credit**

This course is designed to provide additional assistance to AP students who are preparing for the AP Calculus AB exam. The students will receive help to be successful on the end of the year AP exam and in upper level mathematics college courses. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one- half elective honors credit for this class

****210026** **ADVANCED PLACEMENT CALCULUS BC** **1 Mathematics 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 PreCalculus (210020ab) or IB PreCalculus (210020ac)

****210030bm** **AP/DUAL ENROLLMENT CALCULUS BC LAB** **½ Elective Credit**

This course is designed to provide additional assistance to AP students who are preparing for the AP Calculus BC exam. The students will receive help to be successful on the end of the year AP exam and in upper level mathematics college courses. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one- half elective honors credit for this class

*****210030aa** **IB CALCULUS** **1 Mathematics 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 PreCalculus (252764)

Special Note: Currently offered at Murphy AND Davidson.

****210030bp** **AP/DUAL ENROLLMENT MATH LAB 1** **½ Elective Credit**

This course is designed to provide additional assistance to AP/Dual Enrollment students who are preparing for the AP exam. The students will receive help to be successful on the end of the year AP exam and in upper level mathematics college courses. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one- half elective honors credit for this class.

****210030bs** **AP/DUAL ENROLLMENT MATH LAB 2** **½ Elective Credit**

This course is designed to provide additional assistance to AP/Dual Enrollment students who are preparing for the AP exam. The students will receive help to be successful on the end of the year AP exam and in upper level mathematics college courses. This course will be taught every day for 45 minutes during the semester.

Prerequisite: None

Special Note: A student may earn one- half elective honors credit for this class.

****520007** **COMPUTER SCIENCE A, 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

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.

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

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240003ar	Physical Education 11
240003au	Physical Education 12
240003ad	Fitness for Life
240003ae	Aerobic/Weight Training
240003aq	Advanced Aerobics/Weight Training
240003av	Weight Training
240003ap	Advanced Weight Training
240003ab	Beginning Swimming
240003bm	Beginning Swimming
240003ag	Recreational Swimming
240003ao	Intermediate Swimming
240003bn	Advanced Lifesaving 10
240003aa	Intermediate Basketball
240003as	Advanced Basketball
240003ac	Intermediate Tennis
240003at	Advanced Tennis
240003ah	Team Sports
240003ai	Recreational Games
240003ak	Recreation/Leisure
240003al	Gymnastics/Tumbling
240003an	Bowling
240003bl	Athletic Training
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VARSIY ATHLETICS	
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240003bi	Varsity Softball
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240003be	Varsity Track 1
240003bj	Varsity Track 2
240003bk	Varsity Volleyball
240003av	Weight Training

DESCRIPTION OF COURSES

PHYSICAL EDUCATION

240002	LIFE	1 Credit
This required course will emphasize lifelong, individualized fitness education as a blueprint for life. It will provide students with the opportunity to gain knowledge and application of the five (5) fitness components. Special Note: This course fulfills the graduation requirement		
240003aw	PHYSICAL EDUCATION 9	1 Credit
This elective course provides students with a variety of team sports.		
240003	PHYSICAL EDUCATION 10	1 Credit
This elective course is designed for students to engage in a variety of team, individual and dual sports.		
240003ar	PHYSICAL EDUCATION 11	1 Credit
This elective course provides students with opportunities for the development of skills to participate in lifelong sport activities.		
240003au	PHYSICAL EDUCATION 12	1 Credit
This elective course offers students an opportunity to refine skills necessary for lifelong health-enhancing physical activities.		
240003ad	FITNESS FOR LIFE	1 Credit
This course provides the students with the opportunity to learn about determining heart rate, flexibility, body composition, muscular strength and endurance. This course meets the required one unit of credit for graduation.		
240003ae	AEROBIC/WEIGHT TRAINING	½ Credit
This semester course is designed to teach overall aerobic fitness, weight training and nutrition. Activities include aerobic training, step aerobics, jogging and weight training.		
240003aq	ADVANCED AEROBICS/WEIGHT TRAINING	½ Credit
This advanced course is designed for students to have the opportunity to expand their skills in weight training.		
240003av	WEIGHT TRAINING	½ Credit
This course is designed for students to have the opportunity to acquire basic knowledge and skills in weight training and to improve muscular strength and endurance.		
240003ap	ADVANCED WEIGHT TRAINING	½ Credit
This advanced course is designed for students to have the opportunity to expand their skills in weight training.		
240003ab	BEGINNING SWIMMING	½ Credit
This course is designed for students to master the basic strokes in swimming and to acquire the techniques for water safety. Special Note: Currently offered at LeFlore		
240003bm	BEGINNING SWIMMING	½ Credit
This semester course is designed to teach basic swimming skills. Non-swimmers are taught to swim. Beginners are taught the basic strokes. Water aerobics and lap swimming are also included in the course.		
240003ao	INTERMEDIATE SWIMMING	½ Credit
This course is designed for students to expand their skills and to practice procedures for water safety.		
240003ag	RECREATIONAL SWIMMING	½ Credit
This elective course is designed to include the recreational aspects of swimming. The following activities are included in the course: lap swimming, water basketball, water volleyball and relay events.		

240003bn **ADVANCED LIFESAVING** **½ Credit**

This course offers the student the opportunity to develop skills and techniques to respond to aquatic emergency situations.

Prerequisite: Beginning Swimming AND Instructor Recommendation

Special Note: Currently offered at LeFlore

240003aa **INTERMEDIATE BASKETBALL** **½ Credit**

This elective course will offer students the opportunity to improve their basic skills of the game and to acquire skills necessary for recreational play and social skills

240003as **ADVANCED BASKETBALL** **½ Credit**

This course will offer students an opportunity to expand their skills and to enhance their level of fitness.

240003ac **INTERMEDIATE TENNIS** **½ Credit**

This elective course offers a greater opportunity for more students to become involved in a life long sport. The basic fundamentals will be taught with an introduction to recreational tournament play.

24003at **ADVANCED TENNIS** **½ Credit**

This course offers students the opportunity to expand their skills and to increase their level of fitness.

240003ah **TEAM SPORTS** **½ Credit**

This elective course includes the following three activities: flag football, soccer and softball. Students will gain knowledge about strategies and rules for team play

240003ai **RECREATIONAL GAMES** **½ Credit**

This co-ed course is designed to provide students with an opportunity to participate in activities for improving their level fitness, social skills and to acquire life-long sport skills. The activities included are archery, badminton, and table tennis.

240003ak **RECREATION AND LEISURE** **½ Credit**

The purpose of this course is to acquaint students who have special needs (MR 9-12) with multiple ways of using their leisure time. The following activities will be included: bowling, roller-skating, miniature golf, hiking and board games.

240003al **GYMNASTICS/TUMBLING** **½ Credit**

This course is designed to teach students how to increase their ability to balance, improve their over-all muscular tone and improve their self-confidence. The fundamental skills of the trampoline and the balance beam will be taught.

240003an **BOWLING** **½ Credit**

This co-ed activity is designed to teach the fundamental skills of bowling. Knowledge of rules and how to score will be stressed. This is a lifetime activity for maintaining fitness.

240003bl **ATHLETIC TRAINING** **1 Credit**

This course is designed to familiarize the high school students with the theories and skills necessary for athletic training profession.

240004 **SPORTS OFFICIATING CERTIFICATION** **1 Credit**

This course is an effective 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 and become a restricted certified office with the Alabama High School Athletic Association at the middle/junior high school level. The prerequisite for this course is Lifelong Individualized Fitness Education (LIFE) or its equivalent. The student must be age 16 or older, or turn age 16 during the school year. The teacher of this course must hold current registration as an Alabama High School Athletic Association official (any Sport).

Prerequisite: Lifelong Physical Fitness Education or its equivalent, and be age 16 or older, or turn age 16 during the academic year.

240003bc	VARSDTY BASKETBALL 1	1 Credit
This course provides students opportunities to extend their knowledge and skills of the game for competitive play. This course prepares students at the highest skills level. Prerequisite: Instructor Approval		
240003bh	VARSDTY BASKETBALL 2	1 Credit
This course prepares students at skill levels less intense than Varsity Basketball 1. Students will have the opportunity to extend knowledge and skills for competitive play. Prerequisite: Instructor Approval		
240003bd	VARSDTY BASEBALL	1 Credit
This course provides students opportunities to extend their knowledge and skills of the game for competitive play. Prerequisite: Instructor Approval		
240003ax	CHEERLEADERS	1 Credit
This selective course provides students opportunities to extend their skills for leadership and for acquiring the knowledge and skills of safety procedures necessary for participation. Prerequisite: Instructor Approval		
240003bg	VARSDTY GOLF	1 Credit
This course provides students opportunities to extend their knowledge and skills of the game for competitive play. Prerequisite: Instructor Approval		
24003ba	VARSDTY FOOTBALL	1 Credit
This course provides students opportunities to extend their knowledge and skills of the game for competitive play. Prerequisite: Instructor Approval		
240003bf	VARSDTY SOCCER	1 Credit
This course provides students opportunities to extend their knowledge and skills of the game for competitive play. Prerequisite: Instructor Approval		
240003bi	VARSDTY SOFTBALL	1 Credit
This course provides students opportunities to extend their knowledge and skills of the game for competitive play. Prerequisite: Instructor Approval		
2400003az	VARSDTY TENNIS	1 Credit
This course provides students opportunities to extend their knowledge and skills of the game for competitive play. Prerequisite: Instructor Approval		
240003bb	VARSDTY SWIMMING	1 Credit
This course provides students opportunities to extend their knowledge and skills of the sport for competitive play. Prerequisite: Instructor Approval		
20003be	VARSDTY TRACK 1	1 Credit
This course provides students opportunities to extend their knowledge and skills of the sport for competitive play. This course provides for skills application and competitive play at the highest skills level. Prerequisite: Instructor Approval		
240003bj	VARSDTY TRACK 2	1 Credit
This course provides students opportunities to extend their knowledge and skills of the sport for competitive play. This course provides opportunities for competitive play at skill levels less than optimum. Prerequisite: Instructor Approval		

240003bk

VARSIY VOLLEYBALL

1 Credit

This course provides students opportunities to extend their knowledge and skills of the sport for competitive play.

Prerequisite: Instructor Approval

240003av

WEIGHT TRAINING

1 Credit

This course is designed for students to have the opportunity to acquire basic knowledge and skills in weight training and to improve muscular strength and endurance.

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.

INDEX OF COURSES

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*220012ac	Biology 1 Honors
*220012	Biology Honors Pre-IB
**220014	Biology 2 AP
**901402	Biology 2 Dual Enrollment and Principles of Biology (BIO 103)
***220015	Biology 2 IB
***220016	Biology 3 IB
**220043ah	Biology Research and Design AP (elective)
***220043ae	Biology Research and Design IB (elective)
420053	Plant Biotechnology
220062	Chemistry 1 College Prep
220062ad	Chemistry 1 College Prep IB
**220064	Chemistry 2 AP
***220066	Chemistry 2 IB
***220065	Chemistry 3 IB
**220067ai	Chemistry Research and Design AP (elective)
**220067ae	Chemistry Research and Design IB (elective)
*220068	Chemistry Organic (elective)
220081ad	Earth and Space Science
220079	Engineering the Future (elective)
220029ad	Environmental Science
**220032aa	Environmental Science AP
**220032	Environmental Science Research and Design A (elective)
410028	Forensic Science and Criminal Investigation
490041	Introduction to Biotechnology
**904200	Geology Dual Enrollment (GY111)
*220027	Human Anatomy and Physiology College Prep
**901415	Human Anatomy and Physiology Dual Enrollment and Bio 201
Pending	Marine Biology 1
Pending	Marine Biology 1 Honors
Pending	Marine Biology Field Studies
220051	Physical Science
*220072	Physics College Prep

**220057	Physics 1 AP (Algebra based 1)
**220058	Physics 2 AP (Algebra based 2)
**220069	AP Physics C: Mechanics (Calculus based 1)
**220075	AP Physics C: Electricity & Magnetism (Calculus based 2)
**220078ah	Physics Research and Design AP
**220078ab	Physics Research and Design AP, A (elective)
**220078ac	Physics Research and Design AP, B (elective)
**220078ag	Physics Research and Design IB (elective)
Pending	Zoology

FORTY-FIVE MINUTE (“SKINNY”) BLOCK (1/2 CREDIT)

**220043	Biology Research and Design IB A (elective)
**220043aa	Biology Research and Design IB B (elective)
**220043ab	Biology AP Research and Design A (elective)
**220043ac	Biology AP Research and Design B (elective)
**220067	Chemistry Research and Design IB A (elective)
**220067aa	Chemistry Research and Design IB B (elective)
**220067ab	Chemistry Research and Design AP A (elective)
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220081aa	Earth and Space Science A
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220079ac	Engineering the Future A (elective)
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Pending	Marine Biology A
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**220078	Physics Research and Design IB A (elective)
**220078aa	Physics Research and Design IB B (elective)
**220078ab	Physics Research and Design AP A (elective)
220078ac	Physics Research and Design AP B (elective)
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802200aa	Research in Science (elective)
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*Honors, Pre-International Baccalaureate (Pre-IB), and other Weighted Courses

**Advanced Placement and Dual Enrollment

***International Baccalaureate Course

To obtain an Diploma with Honors endorsement, incoming freshmen 2013 – 2014 and all others thereafter must take the following Science course:

Biology 1 Honors or Biology 1 IB
 Chemistry 1 College Prep
 Physics CP or AP Physics
 Plus one other Science course to make a minimum of four Science credits

DESCRIPTION OF COURSES

420037 AQUACULTURE SCIENCE 1 Credit

This course introduces students to practical applications of both physical and biological concepts and skills. It places heavy emphasis on integration of knowledge to solve problems and broaden depth of understanding about such topics as marine anatomy and physiology, natural and artificial habitats, adaptation of aquatic organisms, selective breeding, marine geology/hydrology and fluid dynamics, biogeochemical cycles, and regulation of management of water resources.

Prerequisite: Biology AND Chemistry 1 OR Physical Science

220011 BIOLOGY 1 1 Credit

This course provides all students with general exploratory experiences and activities in the fundamental concepts of life. The contents include scientific method, measurement, laboratory safety and use of laboratory apparatus, cell structure and function, reproduction, processes of heredity, biological changes through time, classification and taxonomy, microorganisms, plant kingdom, animal kingdom, human biological systems, and ecology.

Special Note: Credit may be earned in either Biology 1, Biology 1 Honors, or Biology 1 Pre-IB, but not all three

***220012ac BIOLOGY 1 HONORS 1 Credit**

This course provides students with advanced experiences and activities in biology. Research papers and/or projects may be required. Biology 1 Honors addresses and expands all the biological concepts taught in Biology 1 as well as biochemistry, cell reproduction, genetics, microorganisms, disease, human anatomy, and physiology.

Special Note: Credit may be earned in either Biology 1, Honors Biology 1, or Biology 1 Pre-IB, but not all three.

***220012 BIOLOGY 1 HONORS PRE-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

****220014 BIOLOGY 2 AP 1 Credit**

This course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The course content treats three (3) general areas: molecular and cellular biology, genetics and evolution, and organismal and populational biology. This is comparable to a first-year college-level course. Students may take an examination at the completion of the term to receive AP credit.

Prerequisite: Biology AND Chemistry 1 AND Instructor Approval

Special Note: Credit may be earned in either Biology 2 AP, Biology 2 Dual Enrollment, or Biology 2 IB, but not all three. It is highly recommended that students enrolled in this course one semester be enrolled in AP Biology Research and Design the other semester.

****901402 BIOLOGY 2 DUAL ENROLLMENT 1 Credit PRINCIPLES OF BIOLOGY (BIO 103) 3 Semester Hours**

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.

*****220015 BIOLOGY 2 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 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 2IB

Special Note: Currently offered at Murphy AND Davidson.

****220043ah** **BIOLOGY RESEARCH AND DESIGN AP** **1 Elective 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

****220043ae** **BIOLOGY RESEARCH AND DESIGN IB** **1 Elective 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 program is 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 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 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 program is 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.

*****220066 CHEMISTRY 2 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 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.

****220067ai CHEMISTRY RESEARCH AND DESIGN AP 1 Elective 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 Chemistry course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

*****220067ae CHEMISTRY RESEARCH AND DESIGN IB 1 Elective 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 Elective Credit**

This course would provide students with the fundamentals of structure and chemical behavior of organic molecules including nomenclature, properties, structure, stereo-chemistry, spectroscopy (both infrared and nuclear magnetic resonance), reactions, synthesis, and mechanisms of alkanes, alkenes, alkyl halides, and alcohols. The use of equipment provided by the Alabama Science in Motion 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 Elective 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

220079ac ENGINEERING THE FUTURE A ½ Elective 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.

Prerequisite: Engineering the Future

220079ad ENGINEERING THE FUTURE B ½ Elective 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.

Prerequisite: Engineering the Future

220029ad 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 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 AP 1 Elective 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

410028 FORENSIC 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

***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** **1 Credit**
HUMAN ANATOMY AND PHYSIOLOGY (BIO 201) **3 Semester Hours**

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.

Pending **MARINE BIOLOGY 1** **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 on marine systems.

Prerequisite: Biology AND Chemistry 1 OR Physical Science

Special Note: Credit may be earned in Marine Biology, Marine Biology Honors or Marine Biology Field Studies, but not all three.

Pending **MARINE BIOLOGY 1 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.

Pending **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 \$1,100.00 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.

****220057 AP PHYSICS 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 AP PHYSICS 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 AP PHYSICS C: MECHANICS 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.

****220075 AP PHYSICS C:ELECTRICITY & MAGNETISM 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.

***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.)

****220078ah PHYSICS RESEARCH AND DESIGN AP ½ Elective 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 course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220078ab** **PHYSICS RESEARCH AND DESIGN AP A** **½ Elective 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 course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220078ac** **PHYSICS RESEARCH AP B** **1 Elective 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 course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220078ag** **PHYSICS RESEARCH AND DESIGN IB** **1 Elective 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

Pending **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

****220043** **BIOLOGY RESEARCH AND DESIGN IB A** **½ Elective 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 Biology course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

*****220043aa** **BIOLOGY RESEARCH AND DESIGN IB B** **½ Elective 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 Biology course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220043ab** **BIOLOGY AP RESEARCH AND DESIGN A** **½ Elective 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 research project is required.

Prerequisite: AP Biology course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220043ac** **BIOLOGY AP RESEARCH AND DESIGN B** **½ Elective 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 research project is required.

Prerequisite: AP Biology course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220067** **CHEMISTRY RESEARCH AND DESIGN IB A** **½ Elective 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 AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220067aa** **CHEMISTRY RESEARCH AND DESIGN IB B** **½ Elective 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. Use of equipment provided by the Alabama Science in Motion program is recommended.

Prerequisite: IB Chemistry course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****22067ab** **CHEMISTRY RESEARCH AND DESIGN AP A** **½ Elective 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 research project is required. Use of equipment provided by the Alabama Science in Motion program is recommended.

Prerequisite: AP Chemistry course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220067ac** **CHEMISTRY RESEARCH AND DESIGN AP B** **½ Elective 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 research project is required. Use of equipment provided by the Alabama Science in Motion program is recommended.

Prerequisite: AP Chemistry course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

220081aa **EARTH AND SPACE SCIENCE A** **½ Credit**

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, and climate.

Prerequisite: Biology AND Chemistry or Physical Science

220081ac **EARTH AND SPACE SCIENCE B** **½ Credit**

This course introduces students to an advanced look at the Earth's near neighborhood and perspectives of the universe from the Earth. 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 our solar system, and the universe.

Prerequisite: Biology AND Chemistry or Physical Science

220029aa **ENVIRONMENTAL SCIENCE A** **½ Credit**

This course provides students with a study of man's interaction with the environment. The contents include the influence of human population, technology and cultural changes have on the environment with specific reference to the atmosphere and the soil.

Prerequisite: Biology AND Chemistry or Physical Science

220029ab ENVIRONMENTAL SCIENCE B ½ Credit

This course provides students with a study of man's interaction with the environment. The contents include an in depth look at energy sources as alternatives to fossil fuel. Water will also be studied as it is a major requirement for all life on Earth.

Prerequisite: Biology AND Chemistry or Physical Science

Pending MARINE BIOLOGY A ½ Credit

This course is intended to provide students with advanced studies in biology within the context of the marine environment. Emphasis is primarily on living systems, oceanography and aspects of marine water chemistry. Also studies are patterns and interrelationships among various marine organisms.

Prerequisite: Biology AND Chemistry or Physical Science

Pending MARINE BIOLOGY B ½ Credit

This course is intended to provide students with advanced studies in biology within the context of the marine environment. Emphasis is on comparative anatomy and physiology of freshwater and saltwater organisms' classification, biodiversity, interdependence within marine biomes, and human and natural impacts on marine systems.

Prerequisite: Biology AND Chemistry or Physical Science

****220078 PHYSICS RESEARCH AND DESIGN IB A ½ Elective 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 AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220078aa PHYSICS RESEARCH AND DESIGN IB B ½ Elective 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 AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220078ab PHYSICS RESEARCH AND DESIGN AP A ½ Elective 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 course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

****220078ac PHYSICS RESEARCH AND DESIGN AP B ½ Elective 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 course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

Pending ZOOLOGY A ½ 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. This course focuses on vertebrates.

Prerequisite: Biology AND Chemistry or Physical Science

Special Note: Elective Credit, not Science Credit

Pending **ZOOLOGY B** **½ 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. This course focuses on vertebrates.

Prerequisite: Biology AND Chemistry or Physical

802200aa **RESEARCH IN SCIENCE** **½ Elective Credit**

This course will provide opportunities for all students to participate in scientific research, not just students enrolled in AP Courses. The focus of this course will be the Scientific Method. Each step of the Scientific Method will be reinforced through laboratory activities, examples, guest speakers, field trips and classroom assignments. This course will culminate with a project that could be entered into the County and Regional Science Fair Competitions.

Special Note: This course will not fulfill the graduation requirement for a science elective.

Special Note: Elective Credit, not Science Credit

802200ab **SCIENTIFIC REASONING** **½ Elective Credit**

This course engages students in scientific, quantitative, and logical reasoning processes to prepare them to interpret and solve problems encountered in Advanced Placement science classes. Students will learn how the Advanced Placement science subject area tests are set up. They will also learn valuable test taking strategies for taking the AP science area tests.

Special Note: This course will not fulfill the graduation requirement for a science elective.

Special Note: Elective Credit, not Science Credit

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

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*230014	History, Global: Antiquity to the French Revolution, Pre-IB
230013	History, World: 1500 To Present
*230014aa	History, World: 1500 To Present, Honors
**230027	History, World, AP
230032	Western Civilization, The Influence Of Greece And Rome On
**230029	History, European, AP
230081	Sociology
230201aa	Contemporary World Issues
230093	Society and the Law
230091	Comparative Religion
230016	History, United States to the Industrial Revolution (IR)
*230017	History, United States Honors to the Industrial Revolution (IR) Honors
**905004	History, United States Dual Enrollment (HIS 201) Industrial Revolution (IR) to Present
230019	History, United States from Industrial Revolution (IR) to Present
*230020	History, United States Honors from Industrial Revolution (IR) to Present
**230022	History, United States AP
**905005	History, United States Industrial Revolution (IR) to Present, Dual Enrollment (HIS 202)
230032ah	The Far East
230082	Archeology/Anthropology
230071ab	Psychology
**910200	Psychology, Dual Enrollment General Psychology (PSY 200)
**230072	Psychology, AP
**230062	Human Geography, AP
230201ac	Contemporary Issues
***230063	World Geography IB
230041	Government, United States
230051	Economics
*230042	Government, United States Honors
*230052	Economics, Honors
**230043	Government, United States Government & Politics, AP
**230053	Economics AP
***230032al	Research and Writing Seminar, IB
***230095ab	Theory of Knowledge 1 IB
***230095ae	Theory of Knowledge 2 IB
***230092	Philosophy IB

- ***230023 History of Americas 1 IB
- ***230025 History of Americas 2 IB
- 802206 Leadership 1
- 802206ac Leadership 2
- 230061 Geography, World
- **230032af History, Research & Writing Seminar AP
- 230032ae Holocaust
- **911400 Sociology, Dual Enrollment
- **230044 Government, Comparative Government & Politics, AP

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- 152229 History, Strategies for History
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- **150309 History, Research & Writing Seminar AP A
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- *Honors, Pre-International Baccalaureate (Pre-IB), and other Weighted Courses
- **Advanced Placement and Dual Enrollment
- ***International Baccalaureate Courses

DESCRIPTION OF COURSES

230032an HISTORY, HISTORY OF MOBILE: HOMETOWN 1 Credit

The purpose of this course is to educate students about the history of Mobile.

***230014 HISTORY GLOBAL: 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

230013 HISTORY, WORLD HISTORY: 1500 TO PRESENT 1 Credit

Students study and analyze global issues regarding politics, economics, society, and the environment.

***230014aa HISTORY, WORLD HISTORY: 1500 TO PRESENT, HONOR 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 HISTORY, WORLD, 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.

230032 WESTERN CIVILIZATION, THE INFLUENCE OF GREECE AND ROME ON 1 Credit

This is a tenth grade course to emphasize the influence of Greece and Roman civilization on the development of western civilization.

****230029 EUROPEAN HISTORY, 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.

230081 SOCIOLOGY 1 Credit

This is a study of cultural diversity and its effects on social trends in the United States.

230021aa CONTEMPORARY WORLD ISSUES 1 Credit

This course will provide students an opportunity to study current issues which are global in nature.

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.

230091 COMPARATIVE RELIGION 1 Credit

This course is an introduction to the major religious traditions including Hinduism, Buddhism, Islam, Judaism, Confucianism and Christianity.

230016 HISTORY, UNITED STATES 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 HISTORY, UNITED STATES TO THE INDUSTRIAL REVOLUTION(IR), 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 HISTORY, UNITED STATES TO THE INDUSTRIAL REVOLUTION (IR), DUAL ENROLLMENT (HIS 201) 1 Credit
3 Semester Hours**

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

230019 **HISTORY, UNITED STATES INDUSTRIAL REVOLUTION (IR) 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** **HISTORY, UNITED STATES INDUSTRIAL REVOLUTION (IR) 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.

****230022** **HISTORY, UNITED STATES, AP** **1 Credit**

This course is an intensive study of the major themes of American history. Techniques of historical research and writing are emphasized throughout the course.

****905005** **HISTORY, UNITED STATES INDUSTRIAL REVOLUTION TO THE PRESENT DUAL ENROLLMENT (HIS 202)** **1 Credit**
3 Semester Hours

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)

230032ah **THE FAR EAST** **1 Credit**

This is a survey course of the history and current problems of the Far East.

230082 **ARCHEOLOGY/ANTHROPOLOGY** **1 Credit**

This is an eleventh grade survey course designed to develop an appreciation for the scholarly study of early man, ancient civilizations and modern cultures

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.

****910200** **PSYCHOLOGY, DUAL ENROLLMENT GENERAL PSYCHOLOGY (PSY 200)** **1 Credit**
3 Semester Hours

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.

****230072** **PSYCHOLOGY, 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.

****230062** **HUMAN GEOGRAPHY, AP** **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.

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.

*****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.

230041 **GOVERNMENT, UNITED STATES** **½ 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.

230051 **ECONOMICS** **½ Credit**

This course incorporates a study of comparative economics, economic theory, and consumer economics.

***230042** **GOVERNMENT, UNITED STATES, HONORS** **½ Credit**

This course includes all features of American Government but at a more demanding level with the use of extensive supplementary materials.

***230052** **ECONOMICS, HONORS** **½ Credit**

This course includes all features of economics but at a more demanding level with the use of extensive supplementary materials.

****230043** **GOVERNMENT, UNITED STATES GOVERNMENT & POLITICS, AP** **½ 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.

****230053** **ECONOMICS, AP** **½ 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.

****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

*****230095** **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

*****230092ae** **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

*****230023** **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

*****230025** **HISTORY OF THE AMERICAS 2, INTERNATIONAL BACCALAUREATE** **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

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)

230061 **GEOGRAPHY – WORLD** **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.

****230032af** **HISTORY, RESEARCH & WRITING SEMINAR AP** **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.

230031ae **HOLOCAUST** **1 Credit**

This course explores the history and memory of the Holocaust.

****911400** **SOCIOLOGY DUAL ENROLLMENT** **1 Credit**
3 Semester Hours

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.

****230044** **GOVERNMENT, COMPARATIVE GOVERNMENT & POLITICS AP** **½ 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.

230201ag **HISTORY, PROJECT CITIZEN** **½ Credit**

This is a curricular program for secondary students that promote competent and responsible participation in local and state government. The program helps participants learn how to monitor and influence public policy. In the process, they develop support for democratic values and principles, tolerance, and feelings of political efficacy.

Prerequisite: Teachers must attend the training session in order to receive free and necessary materials for this course.

230048aa **HISTORY, WE THE PEOPLE** **½ Credit**

The program goal is to promote civic competence and responsibility among the nation's elementary and secondary students. What makes the program so successful is the design of its instructional program, including its innovative culminating activity. The **instructional program** enhances students understanding of the institutions of American constitutional democracy. At the same time, students discover the contemporary relevance of the Constitution and Bill of Rights. The **culminating activity** is a **simulated congressional hearing** in which students "testify" before a panel of judges. Students demonstrate their knowledge and understanding of constitutional principles and have opportunities to evaluate, take, and defend positions on relevant historical and contemporary issues.

Prerequisite: Teachers must attend the training session in order to receive free and necessary materials for this course.

230065ac **HISTORY, PERSONAL FINANCE** **½ Credit**

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.

230048ae **HISTORY, CONSTITUTIONAL LAW** **½ Credit**

This is an introduction to American constitutional law, with an emphasis on U.S. Supreme Court decisions. The course will explore various methodologies of constitutional interpretation and modes of constitutional analysis. Topics covered include the role of the judiciary in reviewing acts of the political branches of government; the separation of powers and relations among the three branches of the federal government; the powers of the national government and federalism-based limits on Congress and the states; and individual constitutional rights.

230032ar **HISTORY, AFRICAN AMERICAN HISTORY** **½ Credit**

This course will present the history of the United States by emphasizing the beginnings of African slavery to the development of the 'peculiar institution' in America by examining the intellectual debates surrounding labor needs and race. Also, this course addresses the continued struggle for political, educational, and economic equality by African Americans. Emphasis is placed on the contributions of African Americans in the development of an industrialized United States as well as their place in the historical record.

230032ap **HISTORY, ALABAMA HISTORY** **½ Credit**

This course surveys the development of the state of Alabama from prehistoric times to the present. The course presents material on the discovery, exploration, colonization, territorial period, antebellum Alabama, Reconstruction, and modern history.

230048ac **HISTORY, AMERICAN POLITICS** **½ Credit**

Examine the system of electoral politics, including parties, interest groups, social movements, public opinion, and participation, as well as several areas of public policy: defense, foreign policy, civil rights and liberties, social spending, welfare reform, and the economy.

230201ab **HISTORY, INTRODUCTION TO CONTEMPORARY ISSUES** **½ Credit**

Students study various dynamic issues facing today's society enabling them to discover their values and responsibilities as citizens in that society. Students will utilize different learning methods to research, discuss, debate and formulate opinions on those contemporary issues.

230081ab **HISTORY, INTRODUCTION TO SOCIOLOGY** **½ Credit**

This course introduces students to the basic concepts, theories, and methods in sociology. It surveys such issues as: culture, socialization, family, social inequality, race and ethnicity, sexism, deviance, and social change.

230071 **HISTORY, GENERAL PSYCHOLOGY** **½ Credit**

This course introduces the methods, facts, and theories of modern psychology. This is a survey of learning, motivation, development, personality, abnormal and social behavior.

230071aa **HISTORY, ABNORMAL PSYCHOLOGY** **½ 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.

230065aa **HISTORY, WORLD GEOGRAPHY – PHYSICAL** **½ Credit**

This is an introduction to the variable physical character of the earth. It will include the treatment of weather, climate, soil, vegetation, landforms and oceanic circulation; with emphasis on processes, interrelationships and distributional patterns

230065 **HISTORY, WORLD GEOGRAPHY – HUMAN** **½ Credit**

This is an introduction to the variable human character of the earth. Contemporary world problems such as population, growth, economic development, urbanization, resource utilization and human alteration of the natural environment are examined from a location perspective.

230048ad **HISTORY, INTERNATIONAL RELATIONS** **½ Credit**

The goal of this course is to expose students to political questions about security, diplomacy, and power relations among nations; the nature of political life in other societies; the development of economic relationships within and between nations, in order to develop an appreciation for the multi-disciplinary aspects of international affairs. Schools offering this course should make plans to participate in the Davidson's Invitational Model United Nations (DIMUN) in the spring of each year.

230058 **HISTORY, STOCK MARKET** **½ Credit**

This course will teach and reinforce essential skills and concepts, such as: critical thinking, decision-making, cooperation and communication, independent research, saving and investing. This will be accomplished by having students to participate in the Alabama Stock Market Game, which is held in the fall and spring of each year. The Alabama Stock Market Game (SMG) is an exciting 10-week, on line stock trading experience. Students begin with \$100,000 and may purchase stocks and mutual funds and make any number of trades with their available funds. The teams with the most valuable portfolios at the end of the 10 weeks win their division.

***230032aa** **HISTORY, HISTORIOGRAPHY AP A** **½ Credit**

Historiography seeks to understand the ways in which history has been written by exploring what shapes historical works. Historiography considers influences on works of history like what methods and sources were chosen and why, who as the intended audience, and why certain sources or topics are ignored in certain historical accounts. This course will allow students enrolled in AP history adequate exam preparation.

****230032ad** **HISTORY, HISTORIOGRAPHY AP B** **½ Credit**

This course is a continuation of Historiography AP A and it continues to allow students enrolled in AP history courses adequate exam preparation.

***230032ag	HISTORY, HISTORIOGRAPHY IB A	½ Credit
Historiography seeks to understand the ways in which history has been written by exploring what shapes historical.		
***230032aj	HISTORY, HISTORIOGRAPHY IB B	½ Credit
This course is a continuation of Historiography IB A and it continues to allow students enrolled in IB history courses additional preparation.		
**230032ab	HISTORY, RESEARCH & WRITING SEMINAR AP A	½ Credit
This course takes on the historiography approach with an emphasis on students developing research and analytical writing skills. This course will allow students enrolled in AP history courses adequate exam preparation.		
**230032ac	HISTORY, RESEARCH & WRITING SEMINAR AP B	½ Credit
This course is a continuation of Research & Writing Seminar AP A and it continues to allow students enrolled in AP history courses adequate exam preparation.		
***230032ai	HISTORY, RESEARCH & WRITING SEMINAR IB A	½ Credit
This course takes on the historiography approach with an emphasis on students developing research and analytical writing skills at the IB level.		
***230032ak	HISTORY, RESEARCH & WRITING SEMINAR IB B	½ Credit
This course is a continuation of Research & Writing Seminar IB A and it continues to allow students enrolled in IB history courses additional preparation.		
***230095	HISTORY, THEORY OF KNOWLEDGE IB A	½ Credit
This course is a continuation Theory of Knowledge 1 and it continues to allow students enrolled in IB history courses adequate preparation.		
***230095aa	HISTORY, THEORY OF KNOWLEDGE IB B	½ Credit
This course is a continuation Theory of Knowledge 2 and it continues to allow students enrolled in IB history courses adequate preparation.		
**230029aa	HISTORY, EUROPEAN HISTORY AP A	½ Credit
This course is a continuation of European History AP and it continues to allow students enrolled in AP history courses adequate exam preparation.		
**230029ab	HISTORY, EUROPEAN HISTORY AP B	½ Credit
This course is a continuation of European History AP and it continues to allow students enrolled in AP history courses adequate exam preparation.		
230032am	HISTORY, EUROPEAN HISTORY	½ Credit
This course designed for students who desire an improved coverage of European History from the ancient through the early modern time periods and its impact on the modern world prior to taking AP European History in grade 10		

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 are listed under the "Diploma Requirements" section.

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

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600352aa	English Arts Academic Skills 11
600353aa	English Arts Academic Skills 12
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600301	Employability Skills 1
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600302ac	Practical Home Skills 1
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600541	AAS: Community Based Instruction 9
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600551	AAS: Art 9
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FORTY FIVE MINUTE (“SKINNY”) BLOCK ½ CREDIT

AAS: Reading for Daily Living (45 minute course)

AAS: Math for Daily Living (45 minute course)

DESCRIPTION OF COURSES

600302	DRIVERS EDUCATION 1 MOD	½ Elective Credit
This course focuses on skills needed in preparation for understanding the Alabama Driver’s Manual and road safety. If appropriate, driving time is provided. This does not take the place of Driver Education 440604. Prerequisite: IEP		
600350aa	ENGLISH LANGUAGE ARTS ACADEMIC SKILLS 9	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in English 9. Special Note: This course will be taught by a special education teacher to special education students only.		
300351	ENGLISH LANGUAGE ARTS ACADEMIC SKILLS 10	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in English 10. Special Note: This course will be taught by a special education teacher to special education students only.		
600352aa	ENGLISH LANGUAGE ARTS ACADEMIC SKILLS 11	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in English 11. Special Note: This course will be taught by a special education teacher to special education students only.		
600353aa	ENGLISH LANGUAGE ARTS ACADEMIC SKILLS 12	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in English 11. Special Note: This course will be taught by a special education teacher to special education students only.		
600365	SOCIAL STUDIES ACADEMIC SKILLS 9	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in World History. Special Note: This course will be taught by a special education teacher to special education students only.		
600366	SOCIAL STUDIES ACADEMIC SKILLS 10	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in US History to 1877. Special Note: This course will be taught by a special education teacher to special education students only.		
600367	SOCIAL STUDIES ACADEMIC SKILLS 11	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in US History 1877 to Present. Special Note: This course will be taught by a special education teacher to special education students only.		
600368	SOCIAL STUDIES ACADEMIC SKILLS 12	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in U. S. Government and Economics.. Special Note: This course will be taught by a special education teacher to special education students only.		
600360	SCIENCE ACADEMIC SKILLS 9	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in Biology. Special Note: This course will be taught by a special education teacher to special education students only.		

600361 SCIENCE ACADEMIC SKILLS 10 1 Elective Credit

This course provides second delivery of instruction for the curriculum covered in Physical Science.

Special Note: This course will be taught by a special education teacher to special education students only.

600362 SCIENCE ACADEMIC SKILLS 11 1 Elective Credit

This course provides second delivery of instruction for the curriculum covered in Earth & Space Science.

Special Note: This course will be taught by a special education teacher to special education students only.

600363 SCIENCE ACADEMIC SKILLS 12 1 Elective Credit

This course provides second delivery of instruction for the curriculum covered in Environmental Science.

Special Note: This course will be taught by a special education teacher to special education students only.

600301 TRANSITION SERVICES 1 Elective Credit

This course will provide transition services preparation for students to become self-advocates, participate in post secondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school.

600302ao TRANSITION SERVICES II 1 Elective Credit

This course will provide additional transition services preparation for students to become self-advocates, participate in post secondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school.

600308 STRATEGIES LAB GRADES 7 – 12 1 Elective 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.

Special Note: The course will be taught by a highly qualified math special education teacher to special education

600301ad DAILY MANAGEMENT LIVING 1 1 Elective Credit

This course is designed to develop organizational and analytical skills that are essential to success in school. The course focuses on teaching students to function efficiently in school and the community.

Prerequisite: IEP

600301ae DAILY MANAGEMENT LIVING 2 1 Elective Credit

This course provides opportunities for students to develop skills in managing personal finances, in exhibiting responsible citizenship, and in acquiring mobility in the community.

Prerequisite: IEP

600301af DAILY MANAGEMENT LIVING 3 1 Elective Credit

This course provides opportunities for students to develop skills in managing personal finances, in exhibiting responsible citizenship, and in acquiring mobility in the community.

Prerequisite: IEP

600301ag DAILY MANAGEMENT LIVING 4 1 Elective Credit

This course provides opportunities for students to develop skills in managing personal finances, in exhibiting responsible citizenship, and in acquiring mobility in the community.

Prerequisite: IEP

600301 EMPLOYABILITY SKILLS 1 1 Elective Credit

This course focuses on skills needed to select, secure, and maintain employment.

Prerequisite: IEP

600301aa	EMPLOYABILITY SKILLS 2	1 Elective Credit
This course focuses on skills needed to select, secure, and maintain employment. Prerequisite: IEP		
600301ab	EMPLOYABILITY SKILLS 3	1 Elective Credit
This course focuses on skills needed to select, secure, and maintain employment. Prerequisite: IEP		
600301ac	EMPLOYABILITY SKILLS 4	1 Elective Credit
This course focuses on skills needed to select, secure, and maintain employment. Prerequisite: IEP		
600302ac	PRACTICAL HOME SKILLS 1	1 Elective Credit
This course is designed to provide students with skills needed to manage a household, to raise children, and to maintain good interpersonal skills. Prerequisite: IEP		
600302ad	PRACTICAL HOME SKILLS 2	1 Elective Credit
This course is designed to provide students with skills needed to manage a household, to raise children, and to maintain good interpersonal skills. Prerequisite: IEP		
600302ae	PRACTICAL HOME SKILLS 3	1 Elective Credit
This course is designed to provide students with skills needed to manage a household, to raise children, and to maintain good interpersonal skills. Prerequisite: IEP		
600302af	PRACTICAL HOME SKILLS 4	1 Elective Credit
This course is designed to provide students with skills needed to manage a household, to raise children, and to maintain good interpersonal skills. Prerequisite: IEP		
600302ag	LEISURE AND RECREATION SKILLS 1	1 Elective Credit
This course focuses on making appropriate choices about specific recreational activities, planning leisure time, and making vacation decisions. Prerequisite: IEP		
600302ah	LEISURE AND RECREATION SKILLS 2	1 Elective Credit
This course focuses on making appropriate choices about specific recreational activities, planning leisure time, and making vacation decisions. Prerequisite: IEP		
600302ai	LEISURE AND RECREATION SKILLS 3	1 Elective Credit
This course focuses on making appropriate choices about specific recreational activities, planning leisure time, and making vacation decisions. Prerequisite: IEP		
600302aj	LEISURE AND RECREATION SKILLS 4	1 Elective Credit
This course focuses on making appropriate choices about specific recreational activities, planning leisure time, and making vacation decisions. Prerequisite: IEP		
600302ak	STRATEGIES FOR DAILY LIVING 1	1 Elective Credit
This course focuses on strategies to assist students in adapting to home, community, and employment situations. Prerequisite: IEP		

600302al	STRATEGIES FOR DAILY LIVING 2	1 Elective Credit
This course focuses on strategies to assist students in adapting to home, community, and employment situations. Prerequisite: IEP		
600302am	STRATEGIES FOR DAILY LIVING 3	1 Elective Credit
This course focuses on strategies to assist students in adapting to home, community, and employment situations. Prerequisite: IEP		
600302an	STRATEGIES FOR DAILY LIVING 4	1 Elective Credit
This course focuses on strategies to assist students in adapting to home, community, and employment situations. Prerequisite: IEP		
600002	PHYSICAL EDUCATION ADAPTIVE	1 Elective Credit
This course focuses on developmental and age-appropriate activities that assist the students in developing functional, lifetime leisure skills. Prerequisite: IEP		
700042	APPLIED OCCUPATIONAL PREPARATION	1 Elective Credit
This course assists students with the development of essential work habits while working in a paid employment situation located in the community. School personnel will monitor the student. Prerequisite: IEP		
600042ab	GEOMETRY PRE REQ	1 Elective Credit
This course begins the development of geometric concepts. Processes which can be used to solve a variety of real world and mathematical problems are explored. This course is designed for students working on a general diploma. It does not satisfy the requirements for any advanced diploma.		
600036	GEOMETRY	1 Elective Credit
This course provides experience that increase student understanding of shapes and properties with an emphasis on its use in the practical tasks, recreation sciences and the arts. It begins the development of geometric problems. This course satisfies the requirements for an advanced diploma.		
600039	ALGEBRA CONNECTIONS PRE REQ	1 Elective 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. This course is designed for students working on a regular diploma. It does not satisfy the requirements any advanced diploma.		
600040	ALGEBRA II	1 Elective Credit
This course continue the study of algebra and provides the foundation for applying algebraic skills to other mathematical and scientific field.		
6000322	MATH ACADEMIC SKILLS 9	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in a math course. This course will be taught by a special education teacher to special educations students only.		
6000322aa	MATH ACADEMIC SKILLS 10	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in a math course. This course will be taught by a special education teacher to special educations students only		
600322ab	MATH ACADEMIC SKILLS 11	1 Elective Credit
This course provides second delivery of instruction for the curriculum covered in a math course. This course will be taught by a special education teacher to special educations students only.		

600032ac **MATH ACADEMIC SKILLS 12** **1 Elective Credit**
This course provides second delivery of instruction for the curriculum covered in a math course. This course will be taught by a special education teacher to special education students only.

ESSENTIALS/LIFE SKILLS

700005 **ENGLISH ESSENTIALS 9** **1 Credit**
English Essentials 9 focuses on recognizing main idea in written, oral and visual formats; following oral and written directions; using appropriate vocabulary in writing, speaking, and presenting; applying strategies for comprehending information; increasing vocabulary, reading and comprehension skills.

700006 **ENGLISH ESSENTIALS 10** **1 Credit**
English Essentials 10 focuses on applying communication skills through the effective use of tone, inflection, tempo, enunciation, pronunciation, eye contact, and body language; writing to express meaning in personal and business situations; demonstrating effective communication in personal and employment situations; and identifying personal and social needs met through employment.

700007 **ENGLISH ESSENTIALS 11** **1 Credit**
English Essentials 11 focuses on increasing reading, listening, and comprehension skills; developing effective writing skills in the areas of punctuation, grammar, usage and spelling; increasing vocabulary; identifying personal and social needs met through employment; adjusting vocabulary and style to suit occasion; communicating effectively in personal and employment situations.

700008 **ENGLISH ESSENTIALS 12** **1 Credit**
English Essentials 12 provides students opportunities to acquire increased proficiency of previously taught skills. Content focuses on utilizing and applying effective communication skills, student's preparation for adulthood and refinement of their communication skills. Whether students plan to enter the world of work or to continue formal education, the program provides both practical and aesthetic experiences.

700015 **ALGEBRAIC CONCEPTS** **1 Credit**
This course provides students with the opportunity to learn basic operations involving whole numbers, decimals, and fractions. The students will analyze proportional relationships and use them to solve real-world and mathematical problems.

700016 **ALGEBRAIC ESSENTIALS A** **1 Credit**
This course focuses on basic algebraic operations including choosing the scale and the origin in graphs, interpreting units consistently in formulas and converting between units of measurement within the same system.

700017 **ALGEBRAIC ESSENTIALS B** **1 Credit**
This course focuses on basic algebraic operations including applying the properties of integer exponents to generate equivalent numerical expressions, determining if a solution to a system of equations or inequalities is viable or nonviable, and defining ordered pair and coordinate plane.

700018 **GEOMETRY ESSENTIALS A** **1 Credit**
This course provides students with an exploration of basic geometry including defining vertical angles, perpendicular bisector, line segment, equidistant, and end points.

700019 **GEOMETRY ESSENTIALS B** **1 Credit**
This course provides students with an exploration of basic geometry including solving equations using ratios, labeling parts of a right triangle, and comparing the parts of different circles thereby proving similarity

700031 **LIFE SKILLS I: WORLD HISTORY (GRADE 9 COURSE)** **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 LIFE SKILLS II: U.S. HISTORY – BEGINNING TO INDUSTRIAL REVOLUTION (GRADE 10) 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 LIFE SKILLS III: U.S. HISTORY FROM INDUSTRIAL REVOLUTION TO PRESENT (GRADE 11 COURSE) 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 LIFE SKILLS IV: ECONOMICS (GRADE 12 COURSE) 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.

Special Note: This course will not count as a Social Studies credit earned toward a Standard Diploma but may count as an elective credit for a Standard Diploma

700035 LIFE SKILLS IV: U.S. GOVERNMENT (GRADE 12 COURSE) 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.

750101 ESSENTIALS I: PHYSICAL SCIENCE 1 Credit

This course is designed to provide students with a practical knowledge of physical science including scientific process and application skills, the periodic table, solutions, bonding, chemical formulas, physical and chemical changes, gravitational, electromagnetic, and nuclear forces, motion, energy, energy transformation, electricity and magnetism, nuclear science, and metric units.

750101 ESSENTIALS: BIOLOGY 1 Credit

This course is designed to provide students with a practical knowledge of biology including scientific process and application skills, cell processes, cell theory, photosynthesis and cellular respiration, genetics, classification, plants, animals, ecology, and biogeochemical cycles.

750301 ESSENTIALS: EARTH/SPACE SCIENCE 1 Credit

This course is designed to provide students with a practical knowledge of earth and space science including scientific process and application skills, energy in the Earth system, theories for origin and age of the universe, earth and space scientists, and 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 impact on the environment, carrying capacity, renewable and nonrenewable energy resources, properties and importance of water, land use practices, and 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 anatomy and physiology including identification of the bones in the skeletal system, along with the structures and functions of the nervous system, cardiovascular system, digestive system, respiratory system, reproductive system, urinary system and the immune system.

ALTERNATIVE ACHIEVEMENT STANDARDS

600419-600422 AAS: READING 9, 10, 11, 12 1 Credit

This course is for students working on the Alabama Extended Standards Curriculum.

Prerequisite: IEP

600459-600462	AAS: MATHEMATICS 9, 10, 11, 12	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600499-600502	AAS: SOCIAL STUDIES 9, 10, 11, 12	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600439-600442	AAS: ENGLISH LANGUAGE ARTS 9, 10, 11, 12	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600479-600482	AAS: SCIENCE 9, 10, 11, 12	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600551-600544	AAS: ELECTIVE 9, 10, 11, 12	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600541-600544	AAS: COMMUNITY BASED INSTRUCTION 9, 10, 11, 12	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600531-600534	AAS: VOCATIONAL 9, 10, 11, 12	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600521-600524	AAS: PRE-VOCATIONAL 9, 10, 11, 12	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600506	AAS: FUNCTIONAL PERFORMANCE	1 Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
600512-600515	AAS: LIFE SKILLS 9, 10, 11, 12	½ Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
987654	AAS: READING FOR DAILY LIVING (45 MINUTE COURSE)	½ Credit
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		
987655	AAS: MATH FOR DAILY LIVING (45 MINUTE COURSE)	
This course is for students working on the Alabama Extended Standards Curriculum. Prerequisite: IEP		