

LAKE HAVASU HIGH SCHOOL

COURSE DESCRIPTION GUIDE 2020-2021



#knightup

Lake Havasu High School
2675 Palo Verde Blvd. S.
Lake Havasu City, AZ 86403
<http://www.lhhs.lhusd.org/>

LAKE HAVASU HIGH SCHOOL

2675 PALO VERDE BLVD. S.
LAKE HAVASU CITY, AZ 86403
(928) 854-5001

<http://www.lhhs.lhusd.org/>

ADMINISTRATION

Mr. Scott Becker

Principal

Mr. Dustin Zampogna

Athletic Director

Assistant Principal

Title IX Coordinator

Mrs. Shannon Williams

Assistant Principal

Mrs. Amy Barney

Assistant Principal

CAREER & TECHNICAL EDUCATION

Mrs. Marsha Becker

CTE Director

Mrs. Judy Long

CTE Office Assistant

CAREER CENTER

Mrs. Cali George

Coordinator

Mrs. Francine Galea

Office Assistant

COUNSELORS (assignment based on students' last name)

A-GARCE ----- Ms. Kathleen Stengel

Hero- RIL----- Ms. Deanna Ainsworth

GARCI-HERN & RIM-Z ----- Ms. Sarah Skemp

Online Academy ----- Mrs. Tracy Pressley

COUNSELING OFFICE CLERICAL STAFF

(Registration/Withdrawal from School)

Ms. Carol Newton, Registrar

Mrs. Tina Simpson, Office Assistant

Mrs. Debra Janecek, Staff Assistant

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ENROLLMENT & WITHDRAWAL

General Enrollment

Freshmen, sophomores and juniors must enroll in six (6) credited classes per semester. Seniors may not need six classes per semester; however must be enrolled in four (4) classes. A student may enroll in only one study hall per semester. Any exceptions to these rules require approval by the principal.

Special Enrollment

Students needing more than four years to complete graduation requirements may attend high school until they reach the age of twenty-two (22) years. The principal must approve students' schedules.

Guardianship

Students may be enrolled while guardianship is being established. A written statement from an attorney signifying that guardianship is being actively pursued must be on file at the school.

Withdrawal from School

A student withdrawing from school must have written permission to do so from his/her parent/guardian. A student who withdraws must present a withdrawal slip, issued by the counseling office, to his/her teachers and to the various school offices before withdrawal is complete.

Students who have ten (10) consecutive unexcused absences in all of their classes will be withdrawn from school. A student may be withdrawn from school for non-payment of tuition and other fees.

Withdrawal from Classes

Students may withdraw from a class through the eighth week without penalty, but will be assigned to a no credit study hall. After the eighth week of a semester, students withdrawing from a class will be given a W/F (withdraw/fail) and be assigned to a no credit study hall. The W/F will be factored into the students' GPA and may affect sports eligibility.

STATE TESTING

Civics Test

In 2015, the Arizona legislature passed the American Civics Act. This requires students to pass a civics test based on the United States Immigration and Naturalization civics questions. **Students will be required to score 60% or higher in order to graduate from high school.** This test will be administered during the students' senior Civics class.

AzM2

LHHS 10th grade students will take standardized tests in the spring.

AIMS-Science

AIMS Science is a Standards Based Assessment that measures student proficiency of the Arizona Academic Content Standard in Science. It is administered in the spring to sophomores and 9th graders enrolled in Biology.

Annual Public Notification of Nondiscrimination

Lake Havasu Unified School District does not discriminate on the basis of race, color, national origin, sex, age, religion, marital status, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. The Lake Havasu Unified School District Career and Technical Education department does not discriminate in enrollment or access to any of the programs available [Arts-Communications-Humanities, Business Systems, Engineering & Information Technology, Health Services, and Social & Human Services]. The lack of English language skills shall not be a barrier to admission or participation in the district's activities and programs. The Lake Havasu Unified School District also does not discriminate in its hiring or employment practices.

This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator(s).

School/District	Contacts	Phone Number
Lake Havasu High School 2675 Palo Verde Boulevard S. Lake Havasu City, AZ 86403	Site Compliance Coordinator: Scott Becker A - DEL Kathleen Stengel DEM - K Tracy Pressley L - RIL Deanna Ainsworth RIM - Z Sarah Skemp	928-854-5001
Lake Havasu Unified School District 2200 Havasupai Blvd. Building A Lake Havasu City, AZ 86403	District Compliance Coordinator: Aggie Wolter	928-505-6934

*Parents or Guardians may request a meeting to review their students' 504 plan or to address concerns by contacting Sue Clark at 928-505-6950.

Title II Contact Information:

Lake Havasu Unified School District 2200 Havasupai Blvd. Building C Lake Havasu City, AZ 86403	District Title II Compliance Coordinator: Michelle Youso	928-505-6916
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Title IX Contact Information:

Lake Havasu Unified School District Located at LHHS 2675 Palo Verde Boulevard S. Lake Havasu City, AZ 86403	District Title IX Compliance Coordinator: Dustin Zampogna	928-854-5349
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FRIDAY, JULY 24, 2020 IS THE LAST DAY TO MAKE SCHEDULE CHANGES!

Students are encouraged to make all schedule request changes prior to the last day of school in May. If necessary, schedule changes may be made after a schedule is received during the summer. The only way to request a change is electronically. The links will be available, on the LHHS website, at a set time during the summer.

Due to master schedule limitations, students may NOT request a specific teacher or lunch. **After July 24, final day of registration, students may not request schedule changes unless there has been an inappropriate placement.** Students may fill out a Schedule Change Request (available electronically on LHHS website, during set times of the year) for the following reasons:

1. A student passed a scheduled class during summer school.
2. A student failed a prerequisite course.
3. A student is placed in a core class inappropriate to his/her ability level, as determined by the teacher.
4. A student is missing a required class.
5. A clerical error was made (9th grade pre-registration forms or google survey will be used to verify any error).

No new classes can be added once school begins. **Students are advised during pre-registration to carefully choose their classes.** Classes chosen during pre-registration are requests and not guaranteed. Schedule changes may be initiated by a counselor, teacher, and/or administrator during the first five days of a semester. Classes dropped after the eighth week of school will result in a W/F (withdraw/fail) grade for the semester.

Due to the economy and budget cuts at the state level, it is possible that some electives described in this book may not be available. Students should choose two or three alternative electives, in the event that, their first choices are not offered.

COUNSELORS

Kathleen Stengel **A-GARCE**

Deanna Ainsworth **HERO-RIL**

Sarah Skemp **GARCI-HERN & RIM-Z**

Tracy Pressley **Online Academy**

PARENT APPOINTMENT REQUEST

www.calendly.com/kstengel

www.calendly.com/deannaainsworth

www.calendly.com/sskemp

www.calendly.com/tpressley

Students are assigned counselors based on last names. Students may not change counselors. For scheduling needs, a student must see his/her assigned counselor unless that counselor is unavailable. For other needs (personal, career, etc.), students may sign up to see a different counselor.

LHHS ACADEMIC (GRADUATION) REQUIREMENTS

One-half credit is awarded upon successful completion (grade of “D” or better) of each semester-long class. (Algebra requires a grade of “C” or better for credit.) A class lasting two semesters (one school year) earns one full credit.

	LAKE HAVASU HIGH SCHOOL GRADUATION REQUIREMENTS	IN-STATE UNIVERSITY ENTRANCE REQUIREMENTS	ULTIMATE UNIVERSITY PREPARATION	NCAA DIVISIONS I & II ATHLETIC ELIGIBILITY (16 core courses)
ENGLISH	4 CREDITS	4 CREDITS	4 CREDITS Including Composition and Literature	D1: 4 CREDITS D2: 3 CREDITS
MATH	4 CREDITS Algebra I (1-2) Geometry 1-2 Algebra II (3-4) Math (PreCalculus, DE Math, Math of Money)	4 CREDITS Algebra I (1-2) Geometry 1-2 Algebra II (3-4) Adv Math (PreCalculus, College Math+)	4 CREDITS Including college prep. math	D1: 3 CREDITS D2: 2 CREDITS (all at Algebra I or higher)
SCIENCE	3 CREDITS	3 CREDITS Lab Sciences: Biology, Chemistry, Earth Science, Anatomy, Physics, Ecology	4 CREDITS Lab Sciences Including Chemistry and Physics	2 CREDITS Natural or physical science (1 year of lab science)
SOCIAL STUDIES	3 CREDITS World History 1-2 US/AZ History 1-2 Civics & Economics	2 CREDITS American History and one additional social studies course	3-4 CREDITS	2 CREDITS
FOREIGN LANGUAGE		2 CREDITS In the same language	4 CREDITS As much as possible in the same language	(See below)
FINE ARTS & VOC ED (CTE)*	1 CREDIT* Any combination Fine Arts or CTE	1 CREDIT Fine Art or CTE	1 CREDIT Fine Art	
PHYSICAL EDUCATION	1 CREDIT			
ELECTIVES**	7 CREDITS	**Seven credits of electives are required for graduation. These may be any combination of credits in Foreign Language, core courses, or other electives offered. Only one credit earned as teaching assistant (TA) will be counted among the credits required for graduation.		
NOTES/OTHER	23 CREDITS TOTAL	Any ONE of the below: <ul style="list-style-type: none"> • Top 25% class rank • 3.0 GPA in core competency courses • 22 ACT • 1040 SAT (Critical Reading and Math only) 	<i>Check specific requirements for your universities of interest</i>	ALL must be earned in HS <u>D1: 16 total core credits</u> (10 by 7 th semester) ADD 1 yr <u>core</u> Eng/Math/Sci AND 4 yrs any <u>core</u> credits 2.3 GPA (core classes) <u>*D2: 16 total core credits</u> ADD 3 yrs <u>core</u> Eng/Math/Sci AND 4 yrs any <u>core</u> credits 2.20 GPA (core classes)

Students must complete all high school graduation requirements plus pass State test listed to receive a high school diploma and participate in the graduation ceremony. One-half (.5) credit is awarded upon successful completion (grade of “D” or better, with exception of Algebra I, which needs C) of each semester class. A class that lasts two semesters (one school year) earns one full credit.

* Fine Arts include Art, Music, Band, Drama, Intro Audio Visual, and Intro to Digital Communications. Vocational Education (CTE) classes include courses from Business, Social and Human Services, Engineering, and Arts-Communications-Humanities.

GENERAL ADMISSION REQUIREMENTS for Arizona (state) Universities

ARIZONA STATE UNIVERSITY; NORTHERN ARIZONA UNIVERSITY
THE UNIVERSITY OF ARIZONA

Students are encouraged to enroll in a rigorous academic program that exceeds minimum criteria. High school students should submit applications in the fall of their senior year. Admission requirements vary among universities and may change frequently. It is recommended that students contact a representative for specific information.

UNCONDITIONAL ACCEPTANCE

Students must rank in top 25% of the senior class
OR have a GPA of 3.0 or above
OR have a minimum 1120 (new) SAT 1 combined score
OR have a minimum 22 ACT score
AND meet all entrance course requirements

CONDITIONAL ACCEPTANCE

Students must rank in 26-50% of the senior class
OR have a GPA of 2.5-2.9
OR have a SAT combined score lower than 1120
OR have an ACT score lower than 22
OR be deficient in some course requirements

Students must earn a cumulative 2.0 (on a 4.0 scale) in each subject area (i.e. math, science) to meet the academic competency requirements. **Admission will be based on the grade point average of the 16 unit Board of Regents requirements, not the entire curriculum.** The ACT or SAT examinations are required for admissions to some of the universities. It is highly recommended that these exams be taken during the spring of the junior year.

SUBJECT	UNIVERSITY ADMISSION CREDITS REQUIRED
English	4 credits
Fine Arts or CTE (VFA)	1 credit
Foreign Language	2 credits-Both credits must be in the same language
Mathematics	4 credits-Including Algebra 1-2, Geometry, Algebra 3-4, and EITHER Pre-Calculus or DE Math
Laboratory Science	3 credits - Including Biology, Chemistry, and EITHER Earth Science, Anatomy, or Physics
Social Studies	2 credits (one must be in US History) – note state requirements for graduation
Electives	6 credits



ARIZONA CAREER INFORMATION SYSTEM

ECAP = EDUCATION AND CAREER ACTION PLAN

ALL students are required to complete an Education Career Action Plan (ECAP), which is completed online through the Arizona Career Information System (AzCIS) website. The portfolio will highlight academics, career planning, post-secondary planning, and extra-curricular activities and accomplishments. Students may access their portfolio by going to www.azcis.intocareers.org. Student login information can be requested from the counselor. For more information on ECAP requirements, go to <http://www.azed.gov/ecap/>.

Counselors meet with students to review their ECAP (Education Career Action Plan). The website (www.azcis.intocareers.org) is available for all students and will continue to be used throughout the year. All students are encouraged to review and use the tools available to them on a regular basis. Parents are encouraged to review their student's ECAP on a regular basis.

Below is a brief overview of what students complete in their ECAP on an annual basis:

Grade	Activity
9 th	<ul style="list-style-type: none"> *Input information into 4-year course planner *Update contact information/references/activities/skills & achievements *Interest Profiler
10 th	<ul style="list-style-type: none"> *Updating contact information/references/activities/skills & achievements *Making Educational Plans/Setting Goals *Updating course planner *Completing Interest Profiler *School Sort *Work Importance Locator
11 th	<ul style="list-style-type: none"> *Updating contact information/references/activities/skills & achievements *Making Educational & Financial Plans/Setting Goals *Updating course planner *Completing Financial Aid Sort *Career Cluster Inventory
12 th	<ul style="list-style-type: none"> *Updating contact information/references/activities/skills & achievements *Making Educational & Financial Plans/Setting Goals *Updating course planner *SKILLS Assessment *Completing Financial Aid Sort *Application Tracker

LAKE HAVASU HIGH SCHOOL

HONORS PROGRAM

HONORS CLASSES

Each department with honors offerings upholds a rigorous and advanced program that provides additional in-depth analysis and review of the standard course. Throughout the Course Description Guide, honors classes are indicated next to the course title as (H).

ENROLLMENT

Students, future 10th-12th grade, not currently in Honors must have a minimum **3.0 cumulative GPA** and a **3.5 GPA from the previous year** in the **academic discipline** to enroll in an honors course within a specific content area. To remain in the honors program during 2nd semester for a given course, students must earn a “B” or better 1st semester. Students may continue in the honors program the following year with a “B” or better. However, students who are struggling should meet with their counselor to discuss options. (Letter grades in an honors class below “B” may negatively impact scholarship options and university admissions. It’s best to talk with your counselor regarding these issues.)

High school staff will place incoming freshmen into Honors English and Science using the following information: Q1-Q3 grades, previous years’ test scores (to be verified with current test scores, which are received in June) and mid-year Galileo testing. Math placement will follow honors criteria above.

HONORS WEIGHTING

Grades earned in honors classes are weighted when the student earns a “C” or above. At the end of each semester, the weighted (honors and advanced) GPA and ranking are based on a 5-point scale (i.e.) A=5, B=4, C=3, D=1, F=0.

DUAL ENROLLMENT AND AP INFORMATION

What is Dual Enrollment (DE)?

The Dual Enrollment Program is an agreement between Lake Havasu Unified School District, specifically, Lake Havasu High School (LHHS) and Mohave Community College (MCC). LHHS’s Dual Enrollment Program is a great way for high school students to get a jump-start on their college education. Dual Enrollment is an opportunity for eligible high school students to earn lower division college credit during regular school hours. Dual enrollment courses allow students to earn both high school and college credit for the same class. The credit earned may be used to complete an AGECE (Arizona General Education Curriculum), Associate’s Degree as well as a Bachelor’s Degree at a transfer university (depending on the receiving institution’s requirements).

Why Dual Enrollment?

The Dual Enrollment Program allows students to:

- Enroll in college courses taught on the high school campus.
- Earn college credits while taking high school courses.
- Transition from high school to college more easily.
- Receive a quality college experience in a familiar and comfortable environment.
- Earn credits that transfer to colleges and universities that may apply towards degree or certificate programs.
- Take academic college-level courses and/or career and technical courses.
- Receive instruction by high school teachers who meet community college certified requirements.

Dual Enrollment students must:

- Be a junior or senior in high school.
- Comply with college and high school policies regarding placement and prerequisites.

- Students must receive a C or higher to remain in DE classes at LHHS (unless MCC policy states differently)
- **If a student receives a D in a DE class and wishes to repeat the class at LHHS, the student/parent will be responsible for paying the tuition (current credit hour cost assessed by MCC).**

How do I enroll in Dual Enrollment?

- Review the course offerings with a LHHS counselor, request appropriate courses during pre-registration and review LHHS honors prerequisites for placement into a DE course.
- Fill out an MCC online application; Instructions are given by counselors during pre-registration.
- **Take (and score at the necessary level) the Accuplacer test (different programs/classes have different score requirements). Accuplacer tests can be taken at LHHS or at MCC.**
- MCC Connect phone number to arrange Accuplacer Testing: **1-866-664-2832**

Dual Enrollment Timeline:

February - April:

- Students meet with LHHS counselors to review available options for the following school year.
- Students receive Dual Enrollment registration paperwork to qualify for classes.
- Student Responsibilities:
 - Complete online application for MCC
 - Take (and score at the necessary level) Accuplacer test
- Upload required documents online or at MCC Campus before deadline
- Students select appropriate courses with school counselors during pre-registration
- **All paperwork, Accuplacer testing and pre-registration materials must be submitted and completed prior to the end of April for students to qualify for any Dual Enrollment class the following school year.**

What is Advanced Placement (AP)?

“Advanced Placement” (AP) is a program of college-level courses offered at LHHS. The focus is not on memorizing facts and figures. It's on engaging discussions, approaching and solving problems together and learning to write well. AP courses can help you gain the skills and study habits you'll need to be successful in college. You'll improve your writing, problem-solving, time-management skills, and learn how to stay focused on your work and goals. Research shows that AP courses help students graduate from college in four years and qualify for scholarships.

If you earn an AP Exam score of 3 or higher, chances are you can receive credit, advanced placement or both from your college — nearly all colleges and universities in the United States — as well as many institutions in more than 100 other countries — grant credit and placement for AP scores or acknowledge AP scores in the admission process.

Why Advanced Placement?

AP courses allow students to:

- Earn college credit and placement (with a successful exam score) while taking high school courses that will transfer to universities across the nation
- Transition from high school to college more easily.
- Show universities willingness to take challenging classes, even if lowers your grade point average
- Stand out in the university admission process
- Build college skills, including time management and study skills
- Receive instruction by high school teachers who meet College Board requirements.

AP students must:

- Be willing to challenge oneself academically
- Comply with high school policies regarding placement and prerequisites.

- All students enrolled in an AP course will be **required** to take the AP exam administered in May. The approximate cost of each exam is \$94 and must be paid through the bookstore.

Dual Enrollment and AP Frequently Asked Questions

What is the difference between Dual Enrollment and Advanced Placement?

- Dual Enrollment courses allow students to receive a grade and credit for the work performed throughout the school year. These credits may transfer to the student's college of choice as direct course equivalents (verify with your university and/or community college major of study). Review the Course Equivalency Guide to see how community college courses transfer to three Arizona universities at www.AZtransfer.com. If you are planning to attend an out-of-state university, check with that institution to see how credits will transfer.
- Advanced Placement classes prepare students to pass the AP test to earn college credit. College credit is awarded solely on the student's performance on this one exam and may transfer to colleges as an elective or required credit based on the student's program of study and the college/university the student plans on attending. Search AP Credit Policy at <https://apstudent.collegeboard.org/creditandplacement/search-credit-policies> to find out score needed and credits earned per institution.

What is the difference between Dual Enrollment and Concurrent College Classes?

- Dual Enrollment courses are taught on the high school campus, during school hours by qualified high school teachers. Dual enrollment classes may be free for the high school student.
- Concurrent college classes are taught outside of normal school hours, typically not on the high school campus. Students may have to pay MCC tuition for taking concurrent college classes. Students may be able to receive tuition assistance via Early Start Program or WAVE.

What is the difference in the experience and expectations of a dual enrollment class and a college class?

- Dual enrollment classes have the same seat-time as a typical high school class (five days a week for one hour). They are taught by high school teachers who may offer more support than the typical college experience.
- A three-credit college class meets three hours per week (one day for three hours, or three times a week for one hour, for example).
- In a college environment, there is a heightened expectation that the student will complete reading and majority of the work outside of class time. It is the student's responsibility to establish a study routine during High School that they can then continue in college.

How do I transfer my college credits to another institution?

- As a Dual Enrollment student, you are a registered LHHS student and MCC student. You will have both a HS and a college transcript. You will need to request official transcripts of both to be sent to any other institution you will be attending.
- Unofficial and official LHHS transcripts must be requested through the Counseling Office and may take 1-2 days to process.
- Unofficial MCC transcripts can be accessed and printed through the student's myMohave account through the MCC student portal.
- Official transcripts from MCC may take 2—3 weeks to receive and there is a fee for the request. Students can request official transcripts from MCC either in person on MCC's campus or online at www.mohave.edu and search "transcript request."
- AP scores: students request that College Board send your official AP score report to college of choice, either at time of testing or afterward through a score report request. Colleges will usually notify you during the summer, after receiving your scores, about any credit, placement and/or course exemptions you have earned. If you have questions about the status of your AP credit or placement, you should contact your college.

DUAL ENROLLMENT AND AP CLASSES OFFERED AT LHHS

DUAL ENROLLMENT	ADVANCED PLACEMENT (AP)
Business Systems	Biology
English	Calculus
Fine Arts	Chemistry
Health Services	Environmental Science
Math	Physics
Social Studies	Psychology

COURSE SEQUENCING: CORE SUBJECTS

(ADDITIONAL ELECTIVE OPTIONS AVAILABLE, PLEASE SEE GUIDE)

English	Math	Science	Social Studies
<ul style="list-style-type: none"> • English 1-2 • English 3-4 • English 5-6 or • Applied Eng & Communications • English 7-8 or • Mythology &/or • Shakespeare • Read 180 1-2 	<ul style="list-style-type: none"> • Algebra 1-2 • Geometry • Algebra 3-4 • Pre-Calculus OR • Math of Money 	<ul style="list-style-type: none"> • Integrated Science or • Biology or Allied Health Biology • Chemistry or Conceptual Chemistry • Earth Science or Ecology • Anatomy (prerequisite of Chemistry) 	<ul style="list-style-type: none"> • World History/ Geography • US/AZ History • Civics • Economics
Honors English	Honors Math	Honors Science	Honors Social Studies
<ul style="list-style-type: none"> • H English 1-2 • H English 3-4 • H English 5-6 • DE H ENG 101,102 	<ul style="list-style-type: none"> • Algebra 1-2 (in MS) • H Geometry • H Algebra 3-4 • H Math of Money or • H DE MAT 151, 181 or • H DE MAT 142, 211 • AP H Calculus 	<ul style="list-style-type: none"> • H Biology or H Allied Health Biology • H Chemistry • H Earth Science • H Adv Anatomy • AP H Biology • AP H Chemistry • AP H Enviro Science • AP H Physics 	<ul style="list-style-type: none"> • H World History/ Geography • H DE US/AZ History 131, 132 • H Civics • H Economics

LHHS Career Center



EXPLORE

**Community
Scholarship Program**
*For seniors pursuing a
post-high school
education.*

Job Shadowing
*Visit a local business
and see what it's like to do the job.*

Peer to Peer Tutoring
Students helping students excel.

**College Representative
Visitation Days**
*Your chance to meet with representa-
tives from many different schools.*

Guest Speaker Presentations
*You have questions, they have
answers.*

Job Board
*Looking for work?
New jobs posted frequently.*

Information Requests
*Questions on schools?
Need information about a career?
We'll research it for you.*

AZCIS
**Online Career Exploration &
Assessments**

DREAM

1. **POST-SECONDARY EDUCATION:**
4-Year College or University
2 year Community College
Technical/Vocational Schools
2. **WORKFORCE**
Full-time Employment
Part-time or temporary work
Contract work
3. **MILITARY**
Army
Navy
Air Force
Marines
Coast Guard
4. **APPRENTICESHIP AND INTERNSHIP**
Carefully monitored work experiences
with intentional learning goals
5. **SELF-EMPLOYMENT AND ENTREPRE-
NEURSHIP**
Start a business
Buy a business
Take on a franchise

PLAN

**College, University,
Technical/Vocational
Schools**

College Placement Tests
PSAT, SAT, ACT

Financial Aid /Scholarships

**Occupations
Career Pathways**

**Job Interview and
Resume Writing**

Military Opportunities

Work Keys Testing

**Volunteer and Community
Service Resources**

Scholarships & Financial Aid

There are “super scholarships” that come with a high dollar amount and are often renewable for more than one year. As you can imagine, these are extremely competitive. You must have high grades, high test scores, and whatever else the scholarship seeks. A few examples:

Dorrance Scholarship: Must attend college in Arizona; \$12,000 per year renewable. Available to first generation students; based on financial need and academic success (GPA of 3.0, SAT 1120 or ACT 22). Selection also based on leadership and volunteer service. See: <http://www.dorrancescholarship.org/>.

Gates Millennium Scholars Program: Can attend any college; pays the gap after you have applied for financial aid (thus making your education free). Selects 1000 students per year who are under-represented minorities: African American, Native American, Hispanic / Latino, Asian Pacific Islander, Alaska Native. Must be studying computer science, education, engineering, library science, mathematics, public health or science. Learn more: <http://gmshp.org/>

QuestBridge Scholarship: A matching program for students who demonstrate an extremely high level of academic achievement, who come from households earning less than \$65,000 annually (for a typical family of four) and have experienced long-term economic hardship. If accepted into the program, you list your top college options. If you select the college, and the college selects you as a QuestBridge Scholar, you have a full ride scholarship. VERY competitive. Applications with your highest test score are due in early October. Learn more: <https://www.questbridge.org/>

Flinn Scholars Program: Full ride to attend UA, ASU or NAU and live on campus, plus funding for a study abroad experience. Extremely competitive (20 students chosen each year). Don't even consider applying unless you have taken the most challenging coursework possible, have very high grades and test scores. Learn more: <https://flinn.org/>

In-state College Scholarship Websites

- **ASU Scholarship/Financial Aid**
<https://scholarships.asu.edu/>
- **NAU Scholarship/Financial Aid**
<https://nau.edu/office-of-scholarships-and-financial-aid/scholarships>
- **U of A Scholarship/Financial Aid**
<https://financialaid.arizona.edu/types-of-aid/scholarships>

Arizona Scholarship sites:

www.azcis.intocareers.org *If you don't recall your login information, please see your school counselor

*Scholarship information is under Education tab and then left side of the screen (Financial Sort).

<http://www.azfoundation.org/Scholarships/ScholarshipOpportunities.aspx>

<http://www.phoenixpubliclibrary.org/collegedepot/> - Click the scholarship box.

Links to recommended search engines for national scholarships:

www.mycollegeoptions.org/scholarship-advanced-search.aspx

www.Fastweb.com

<https://bigfuture.collegeboard.org/scholarship-search> - Click on “Start” (small letters) in the page center to begin your scholarship search. Answer multiple choice questions regarding interests, ethnic background, and other information to complete your national scholarship search using this website.

<https://www.salliemae.com/college-planning/>

www.cappex.com

Scholarship Tips for Success

Read the Fine Print - Be sure you meet all qualifications prior to spending time on a specific scholarship.

Play the Odds - Apply for several scholarships. Don't limit yourself to one or two applications. Also, smaller, local scholarships for your specific school are likely to have less applicants and competition.

Know your Odds - Some scholarship sponsors will publish the number of applicants and the number of scholarships awarded the previous year. If not, it is ok to call the scholarship sponsor and request this information. If there is only 2 scholarships available and the sponsor received 2,000 applications, you may want to invest your time into a different scholarship application.

Focus on your Strengths - If you are an athlete, focus on athletic scholarships. If you are an 'A' student, focus on merit-based scholarships or those based on GPA. Don't randomly select scholarships that you don't likely have the experience or skill to win.

Meet all Deadlines - Mark a calendar and track all required application deadlines. If you miss a deadline, you will be automatically disqualified.

Be Prepared - Scholarship applications often require similar information. To save time create a folder that includes a copy of your tax forms, your resume or work history, community service or volunteer experience, school clubs and activities, transcript, and recommendation letters. Keep a copy of every application and essay you submit in this same folder. It will save you time and keep you on track!

Be Careful: Scams are commonplace, unfortunately. In general, be wary of scholarships with an application fee, scholarship matching services who guarantee success, advance-fee loan scams and sales pitches disguised as financial aid "seminars".

Websites for Parents & Families

Transition to College: Separation and Change for Parents and Students

<http://www.med.nyu.edu/child-adolescent-psychiatry/news/csc-news/2015/transition-college-separation-and-change-parents-and-students>

The Healthy Student: Preparing for the College Years

https://www.adolescenthealth.org/SAHM_Main/media/Clinical-Care-Resources/Healthy-Student-Brochure/HSB_Brochure_2012_FNL_wtrmrk.pdf

College Parents of America <https://collegeparents.org/>

The College Board

<https://parents.collegeboard.org/planning-for-college>

Find us on Facebook at “LHHS Career Center”

FAFSA – FREE Application for Federal Student Aid

Most college financial aid, of any type, requires the Free Application for Federal Student Aid (FAFSA) and many colleges and states require your FAFSA information to award their own grants and scholarships. Learn more details and apply at fafsa.gov.

FAFSA applications can be completed as early as October 1! The earlier you apply, the better your loan package.

TYPES OF FINANCIAL AID AVAILABLE:

Grants

Generally the most desirable form of financial assistance, grants are gift aid and require no repayment. They are offered by both the federal and state government and are based upon financial need. Additionally, the colleges or universities to which you apply may also have grant money available. Depending on your FAFSA results, financial aid offices will automatically consider you for many federal, state and institutional grants. One of the biggest federal grants, the Pell Grant, is for undergraduates only. The government employs a formula to determine if a family receives Pell Grant funds.

Loans

Student loans provide families with immediate access to funds to help cover the cost of attendance. While that might sound like a terrific opportunity, it's imperative to recognize these funds *must* be repaid, with interest, over a period of time. Therefore, while loans will reduce the immediate burden on your family, they do not reduce the true overall cost of your education.

The advantage of using a student loan, as opposed to other commercial loans that might be available, is that the interest charged on student loans may be subsidized by the federal government. Further, repayment is typically not required until after graduation. Of course, there are also unsubsidized loans where the interest accrues as soon as the funds are used. However, once again, you will not be required to begin repayment until after you leave school. Finally, be aware that both subsidized and unsubsidized loans can vary in terms, length and repayment time. **RESEARCH YOUR OPTIONS!**

Merit Scholarships

Colleges and universities often provide scholarships to students in their applicant pools who they deem academically talented. The amount awarded can vary greatly between scholarships; some might partially cover expenses whereas others might finance the total cost of attendance (aka tuition, fees, room and board, books, and even a stipend). Most of these scholarships are extremely competitive, requiring personal interviews and essays among other criteria.

Work Study

Work-study programs allow students to work on campus (or at an approved location) in jobs for which the federal government provides the payment. Hourly wages and positions vary at each school. Many campus offices such as athletics, the student center, career services, bookstore, residence halls, admissions and academic departments use work-study students.

Of course, even if you do not receive a work-study position, you can likely find campus employment. Many schools hire additional student workers who are not on the work-study program. You should contact the financial aid or student employment offices prior to the start of your first semester and ask about the various opportunities available. Each college has its own procedures for posting and hiring student workers, but it's definitely worth your time to inquire about the possibilities.

Contact your state financial aid or student aid agency for help if you need it. Not only will they offer you the best advice about the types of aid available to you, but they can direct you to various resources in your area. Always talk to the financial aid officers at the colleges that interest you to determine what is available through the institution.

FOUR YEAR HIGH SCHOOL CHECKLIST

TALK ABOUT THE OPTIONS WITH YOUR STUDENT!

STUDENTS! HERE IS WHAT TO DO EACH YEAR TO ENSURE SUCCESS

Remember, beginning the planning process early opens the door to endless possibilities. There are NO LIMITS!

9th Grade - Freshman Year

- Check grades/attendance (via StudentVue/Synergy) on regular basis. Talk to your teachers if struggling with classes.
- Create your portfolio with your school counselor. Use AZCIS to include the following documents and notes:
 - Copies of report cards
 - List of awards and honors
 - List of school and community activities in which you are involved, including both paid and volunteer work, and descriptions of how you were involved
- Use your portfolio to start your resume. Update your resume each year. Your resume will come in handy when applying for scholarships, looking for a job or applying to college.
- Get involved in school. Participate in extracurricular activities. Join a club or participate in community service activities.
- The school counselors will meet with freshmen to complete the 4-year course planner. Inquire about Honors and Career Technical Education (CTE) classes.
- Explore careers and complete career interest assessments, explore educational options
- Start researching colleges or technical trade schools and entrance requirements
- Prepare for ACT & SAT (College Admission Exams), which are taken during 11th grade (spring)
- Beginning high school with good study habits and good grades will set you on the path to success.
- Visit the Career Center to become familiar with the career and college preparation resources available.

10th Grade - Sophomore Year

- Check grades/attendance (via StudentVue/Synergy) on regular basis. Talk to your teachers if struggling with classes.
- Talk to your school counselor - review your 4-year course plan - Ask about AP, Honors, dual enrollment courses, and elective options such as: computer, auto, foreign language, art and more.
- Discuss college or technical/vocational school entrance requirements.
- Update portfolio via AZCIS-keep track of accomplishments, awards and honors, leadership activities and sports activities. Keep your resume current.
- Continue to participate in extracurricular activities
- Take the PSAT in the fall. Sophomores can take the PSAT for practice.
- Prepare for ACT and SAT (College Admission Exams), which are taken during 11th grade (spring)
- See your counselor for an NCAA clearinghouse form if you want to play sports in college.
- Explore career possibilities and what education and skills are needed.
- Explore options after high school: college, university, technical school, military, on-the-job training, and apprenticeships.
- Take the WorkKeys testing in Career Center. WorkKeys helps determine your skills level in the workforce.
- **Spring semester:** Take MCC's assessment test at the high school or Call MCC at 505-3389 and arrange to take it to learn if eligible for Dual Enrollment (DE) classes your junior year. Scores must be provided to your LHHS counselor by the end of April. LHHS also has specific criteria for DE classes.

11th Grade - Junior Year

- Concentrate on your GPA. Keep your grades high and your courses as challenging as possible.
- Check grades/attendance (via StudentVue/Synergy) on regular basis. Talk to your teachers if struggling with classes.
- Get information packets from the colleges you're considering. Request them from college web sites or call the admissions department.
- Intensify your scholarship search. Keep track of deadlines and requirements.
- Attend career days, college fairs and financial aid workshops or investigate military options.
- Start your in-depth college visits this year.
- If not university bound, explore other options; two-year colleges, technical/vocational school, military, or on-the-job training. Start to create your plan so upon graduation you have a clear picture of what you'll be doing next.
- Talk to your school counselor.

Fall:

- Meet with your counselor. Be sure your classes are on the right track for the college you're considering and that you're meeting graduation requirements.
- September: Register for and take the PSAT. *This year it counts for the National Merit Scholarship.*
- Schedule dates to take the SAT and ACT tests (during the second semester). Arrange to take both tests at least once during your junior year. STUDY! LHHS offers the ACT (in Spring) for all juniors.
- November: Take the ASVAB (Armed Services Vocational Aptitude Battery). This is a great FREE tool for career exploration. *If considering the military, the ASVAB is mandatory. Talk with the military recruiters regarding career and education opportunities.
- Investigate financial aid programs now before the financial 'base' year begins.
- Contact the US military academies NOW if you want to apply. Find out about the individual schools and their summer programs at: www.defenselink.mil/faq/pis/20.html
- Research summer workshops and college courses for high school students.
- See your counselor for a NCAA Clearinghouse information if you want to play sports in college.

Spring:

- Compile writing samples, put together portfolios, and work on audition tapes if the colleges or scholarships you're applying to require them.
- Consider taking a summer class. You can start earning college credit by taking 'dual credit courses' or classes at a community college.
- Look for a summer job. Try to get one related to a major you're considering.
- Take ACT, SAT, AP Tests
- Meet with your counselor to pre-register your senior year. Be sure you are on track for graduation.
- If you did not take Dual Enrollment (DE) classes your junior year, you may be eligible for senior year options. Talk to your school counselor
- Request applications for scholarships.
- Start work on your essays for college applications and scholarships.
- Zero in on what teachers you want to ask for recommendations.
- Work on your resume.
- Start your application process if you're applying Early Decision or Early Action.
- Tour college campuses to further narrow list of colleges
- Take the AP exams for the AP classes you've completed.

Summer between Junior and Senior Years:

- Review college applications, especially the essay
- Decide about applying under early decision or early action programs
- Read college mail and send reply cards to schools of interest
- Update your resume via AZCIS
- Start searching and applying for scholarships
- Begin writing your personal essay (especially for out of state University)
- If not university bound, explore other options; two-year college, technical/vocational school, military, or on-the-job training. Start to create your plan so, upon graduation, you have a clear picture of what you'll be doing next.

12th Grade - Senior Year

August:

- Check grades/attendance (via StudentVue/Synergy) on regular basis. Talk to your teachers if struggling with classes.
- Meet with your Counselor!
- Complete college applications to any school interested in attending
- Check transcripts to make sure you are on track for graduation. Are you missing anything?

September:

- MEET WITH YOUR COUNSELOR! Remember to make an appointment.
- Complete college applications or technical trade school registration process. Sign up for counselor presentation. Watch for DEADLINES for applications.
- MCC transcripts can be requested online through MCC's website.
- Transcripts for online classes can be requested in the counseling office.
- Communicate with counselor on classes outside LHHS.

- Register for SAT Reasoning Test, SAT Subject Test, and ACT - have this completed by December 1
- Apply for scholarships – Go to the Career Center often to pick up new scholarship applications
Do NOT limit your scholarship search. Apply for all scholarships that you are eligible for. Make time each week to complete scholarship applications. Don't forget to check the schools that you are applying to...they may have school, department, and/or alumni scholarships. Also, don't forget to check with your parents/guardians employers, church, work place, restaurants, department stores, banks, etc.
- “Like” on Facebook: LHHS Career Center for scholarship and contest deadlines
- Ask counselor about NAIA eligibility. Must register senior year and have specific requirements
- Ask yourself: Is Common App better option for me? Talk to your counselor about this option.
- Double-check the requirements and deadlines for colleges or technical trade schools, and apply to them
- Consider early decision and early action applications due between October 1 and November 1

October:

- Complete college applications
- If needed, take SAT or ACT tests and have the official scores sent to colleges and universities
- FAFSA time! Federal Application for Free Student Aid (FAFSA) Forms are available in the Career Center or go to FAFSA on the Web. All high school seniors are eligible for some form of financial aid.
- For financial aid purposes, make sure parents completed income tax forms

November:

- Submit final college admission applications
- Take the ASVAB if you want to retake it or take it for the first time
- If military bound speak with a recruiter to learn your options
- The sooner the FAFSA is complete, the sooner you will receive the Student Aid Report (SAR)

December:

- Watch for early decision replies
- Make sure official test scores are being sent to the colleges
- The sooner the FAFSA is complete, the sooner you will receive the Student Aid Report (SAR)

January:

- Complete transcript request form to send your official transcript to the colleges where you've applied
- Contact the admission office(s) to make sure that information has been received
- The sooner the FAFSA is complete, the sooner you will receive the Student Aid Report (SAR)

February:

- Register to take the AP exams if needed
- Contact the financial aid office(s) to make sure that your information has been received

March:

- Register to take the AP exams if needed

April:

- Most universities have a deposit deadline of May 1st. Do not be late! If needed, you may be able to request an extension.

May:

- Take AP exams for any AP subjects studied in high school.
- Have your final transcripts sent to colleges –sign up on the clipboard in the counseling office.
- Clear all obligations (detention, financial –fees, books, sports fee) to ensure you are eligible to graduate
- **GRADUATION!!**



WorkKeys®

Lake Havasu High School Students 2020-2021

LHHS offers a workplace readiness certificate. There is no charge for the initial set of tests. Non-CTE students wishing to take the test may do so by signing up in the Career Center (Building I Room 100). Students wishing to re-take an assessment to improve a score will be assessed a nominal fee. CTE students, 16-years and older, may take the three work keys assessments.

In consultation with local employers, educators, and experts in employment and training requirements, we have identified important generic employability skills... skills crucial to effective performance in most jobs. Many Lake Havasu employers will give preference to students whose WorkKeys scores reveal a level of proficiency in skills needed by that employer.

Your current skill level for the workforce will be identified based upon the WorkKeys assessment.

You will be able to...

- ✓ Document employability skills
- ✓ Provide employers with evidence of skills attained
- ✓ Identify personal education and training needs
- ✓ Link education and training with employment
- ✓ Document skill development over time
- ✓ Identify jobs for which current preparation is sufficient
- ✓ Explore appropriate career paths
- ✓ Target training to skill needs
- ✓ Upload your certificate into an electronic file (GoogleDocs, Dropbox, etc.)



LHHS is a partner in the Western Arizona Vocational Education #50 (WAVE) District. This is a Career and Technical Education District (CTED) that supports Career and Technical Education (CTE) programs. Being a member of a CTED allows our school to have additional funds from local and state taxes. The schools that participate in the CTED are Lake Havasu High School, Kingman High School, Mohave High School, Parker High School and River Valley High School. CTED funds allow us to increase the rigor of the coursework and help to provide for enhanced instructional equipment, advanced materials, and additional supplies. Funding also allows us to make continual building improvements or specific remodels to the Career and Technical Education classrooms. Our Career and Technical Student Organizations (CTSOs) may also benefit from the CTED funds.

The CTED courses that are identified in the catalog are eligible for WAVE CTED funding and have been approved by the State of Arizona. Students may take an industry-based proficiency exam for some of the courses. All of these courses prepare students for the world of work and higher education. For more information about career opportunities, industry credentials, dual enrollment (DE) credit, concurrent enrollment (CE), or central campus (CC) classes through the CTED courses contact your CTE teachers, the LHHS Career Center, or www.wavejted.org.

CONCURRENT ENROLLMENT (CE)

The following concurrent enrollment opportunities are available to students and sponsored by WAVE #50 JTED. For more information, please visit www.wavejtcd.org or the LHHS Career Center. **Classes subject to change.**

Mohave Community College

Program	College Class title (course number) [credits]	LHHS Credits
ADMINISTRATION OF JUSTICE <i>Corrections Officer Certificate</i>	Intro to Admin of Justice (AJS101) [3]	0.5
	Criminology (AJS225) [3]	0.5
	The Correction Function (AJS240) [3]	0.5
	Ethics in Criminal Justice (AJS245) [3]	0.5
	Procedural Criminal Law (AJS260) [3]	0.5
BOOKKEEPING	Using QuickBooks (ACC120) [2]	NONE
	Introduction to Accounting (ACC125) [4]	0.5
	Accounting Systems & Procedures (ACC135) [3]	0.5
	Business Math (BUE110) [3]	0.5
	Microsoft Excel (CIS136) [3]	0.5
	Income Tax Accounting (ACC139) [3]	0.5
	Payroll Procedures (ACC143) [3]	0.5
BUSINESS & ENTREPRENEURSHIP	Introduction to Accounting (ACC125) [4]	0.5
	Financial Management for Entrepreneurs (BUE130) [3]	0.5
	Business Plan for Entrepreneurs (BUE250) [3]	0.5
	Marketing (BUS161) [3]	0.5
COMPUTER INFORMATION SYSTEMS		
➤ <i>Computer Graphics & Web Design Certificate</i>	Intro to Computer Information Systems (CIS110) [3]	0.5
	Digital Media (CIS142) [3]	0.5
	Web Page Design (CIS143) [3]	0.5
	Photoshop I (CIS145) [3]	0.5
	Network Security and Penetration Testing (CIS156) [3]	0.5
	Programming for the Web in JavaScript (CIS206) [3]	0.5
	Web Page Design II (CIS243) [3]	0.5
➤ <i>Cybersecurity & Network Support Certificate</i>	Intro to Computer Information Systems (CIS110) [3]	0.5
	A+ Computer Tech – Hardware (CIS115) [3]	0.5
	A+ Computer Tech – Software (CIS116) [3]	0.5
	Networking Essentials (CIS153) [3]	0.5
	Cybersecurity Administration (CIS253) [3]	0.5
	Microsoft Office (CIS131) [3]	0.5
	Network Security and Penetration Testing (CIS156) [3]	0.5
➤ <i>Programming & Game Development Certificate</i>	Intro to CIS (CIS110) [3]	0.5
	Intro to Programming (CIS120) [3]	0.5
	Basic Game Design and Creation (CIS125) [3]	0.5
	Programming & Game Development w/ Python (CIS200) [3]	0.5
	Programming & Game Development in C++ (CIS204) [3]	0.5
	Programming for the Web in JavaScript (CIS206) [3]	0.5
	Programming in C# (CIS208) [3]	0.5
	Computer Science I (CSC110) [4]	0.5
CULINARY ➤ <i>Baking & Pastry Certificate</i>	Introduction to Culinary (CUL111) [4]	0.5
	Techniques of Healthy Cooking (CUL112) [4]	0.5
	Baking and Pastry (CUL114) [4]	0.5
	ServeSafe/HACCP: Sanitation & Safety Mgmt (CUL115) [3]	0.5
	Human Resource Mgmt in the Hospitality Ind (CUL116) [3]	0.5
	International Cuisine (CUL213) [4]	0.5
	Advanced Baking and Pastry (CUL 216) [4]	0.5
EARLY CHILDHOOD/ EDUCATION PROFESSIONS	Children's Literature (EDU200) [3]	0.5
	Introduction to Education (EDU205) [3]	0.5
	Cultural Diversity in Education (EDU214) [3]	0.5
	The Exceptional Student (EDU222) [3]	0.5

Program	College Class title (course number) [credits]	LHHS Credits
FIRE SCIENCE	Principles of Emergency Services (FSC105) [4]	0.5
➤ NREMT Certification & Fire Fighter Certificate	Occupational Safety and Health for Fire Service (FSC220) [3]	0.5
	Building Construction for Fire Protection (FSC233) [3]	0.5
	Emergency Medical Technician (EMS222) [8]	1.0
HEATING, VENTILATION, AIR-CONDITIONING (HVAC)		
➤ HVAC Residential Certification	Introduction to HVAC (HVA100) [4]	0.5
	Residential Maintenance and Communications (HVA106) [4]	0.5
	Residential Diagnostics & Repair I (HVA107) [3]	0.5
	Residential Diagnostics & Repair II (HVA207) [6]	1.0
➤ HVAC Installation Certification	Introduction to HVAC (HVA100) [4]	0.5
	Ducting and Electrical (HVA126) [4]	0.5
	Unit Installation and Start Up (HVA127) [4]	0.5
	HVAC Estimating and Bidding (HVA128) [2]	NONE
	HVAC Plans and Specifications (HVA228) [2]	NONE
INSURANCE CODING	Medical Terminology (HES113) [3]	0.5
➤ Billing and Coding Certificate	Pharmacology for Allied Health Professionals (HES128) [3]	0.5
	Allied Health Anatomy and Physiology (HES129) [3]	0.5
	Medical Law and Ethics (MEA100) [3]	0.5
	Electronic Medical Records (MEA116) [3]	0.5
	Medical Coding I (MEA130) [3]	0.5
	Medical Coding II (MEA131) [3]	0.5
	Medical Billing (MEA141) [3]	0.5
MEDICAL ASSISTING	Medical Terminology (HES113) [3]	0.5
	Pharmacology for Allied Health Professionals (HES128) [3]	0.5
	Allied Health Anatomy and Physiology (HES129) [3]	0.5
	Medical Law and Ethics (MEA100) [3]	0.5
	Medical Assistant Profession (MEA103) [1]	NONE
	Medical Coding I (MEA130) [3]	0.5
	Medical Billing (MEA141) [3]	0.5
	Pathophysiology (MEA205) [3]	0.5
	Medical Assistant Clinical Procedures (MEA257) [5]	0.5
	Medical Assistant Externship (MEA258) [4]	0.5
NURSING ASSISTANT PROGRAM (CNA) –Certified Nursing Assistant	Nursing Assistant Program (NAP115) [6]	1.0
PHLEBOTOMY	Medical Terminology (HES113) [3]	0.5
	Allied Health Anatomy and Physiology (HES129) [3]	0.5
	Medical Law and Ethics (MEA100) [3]	0.5
	Basic Phlebotomy Techniques (MEA101) [4]	0.5
	Phlebotomy Externship (MEA102) [3]	0.5
	Pathophysiology (MEA205) [3]	0.5
RETAIL MANAGEMENT	Introduction to Accounting (ACC125) [4]	0.5
	Human Relations in the Workplace (BUE102) [4]	0.5
	Business English (BUE105) [3]	0.5
	Managing and Supervising Techniques (BUE120) [3]	0.5
	Marketing (BUS161) [3]	0.5
	Retailing and Customer Service (BUS162) [3]	0.5
	Business Communications (BUS204) [3]	0.5
	Human Resource Management (BUS247) [3]	0.5
	Microsoft Office (CIS131) [3]	0.5
VISUAL COMMUNICATIONS	Design I (ART111) [3]	0.5
	Design 2 (ART112) [3]	0.5
	Intro to Visual Communications (ART148) [3]	0.5
	Computer Imaging (ART245) [3]	0.5
	Photo 2 (ART256) [3]	0.5

Program	College Class title (course number) [credits]	LHHS Credits
WELDING		
➤ Fillet Weld Certificate	Welding Safety, Symbols and Tools (WLD103) [3] Introduction to Thermal Cutting and Welding (WLD104) [5] Introduction to Welding Theory (WLD106) [4] Fillet Welding (WLD107) [5]	0.5 0.5 0.5 0.5
➤ GMAW/FCAW Plate Certificate	All courses need to be taken for the Fillet Certificate above Advanced Welding Theory (WLD115) [3] Gas Metal Arc Welding/Flux Core Arc Welding Plate (WLD133) [6]	0.5 1.0
➤ GTAW Plate Certificate	All courses need to be taken for the Fillet Certificate above Advanced Welding Theory (WLD115) [3] Gas Tungsten Arc Welding Plate (WLD143) [5]	0.5 0.5
➤ SMAW Plate Certificate	All courses need to be taken for the Fillet Certificate above Advanced Welding Theory (WLD115) [3] Shielded Metal Arc Welding Plate (WLD123) [6]	0.5 1.0

Arizona Western College

Program	College Class title (course number) [credits]	LHHS Credits
AERIAL SYSTEMS	Introduction to Unmanned Aerial Systems (UAS100) [3]	0.5
➤ Small Unmanned Aerial Systems Certificate	Aviation UAS Pilot Ground School (UAS101) [3] UAS Image Analysis and Visualization (UAS102) [3] UAS Flight Operations and Planning (UAS103) [3] Introduction to Meteorology (GPH171) [4] Geospatial Technology Capstone (GST108) [2] Introduction to Geospatial Technology (GST101) [3] Spatial Analysis and Modeling (GST102) [3]	0.5 0.5 0.5 0.5 0.5 NONE 0.5 0.5
EDUCATION PROFESSIONS	Introduction to Education (EDU110) [3] Classroom Management & Instructional Planning (EDU275) [3] Cultural Diversity in Education (EDU210) [3] Introduction to Special Education (EDU222) [3] Introduction to Comp Info Syst (CIS120) [3]	0.5 0.5 0.5 0.5 0.5
EXERCISE AND WELLNESS	Sports Injury Management (PEM202) [3] Sports Injury Treatment (PEM208) [3]	0.5 0.5
GEOSPATIAL TECHNOLOGY		
➤ Geospatial Technologies Specialist	Introduction to Remote Sensing (GST105) [3] Intro to Programming for Geospatial Technology (GST106) [3] Geospatial Web Applications and Development (GST107) [3] Geospatial Technology Capstone (GST108) [2]	0.5 0.5 0.5 NONE
➤ Geospatial Technologies Technician Certificate	Introduction to Geospatial Technology (GST101) [3] Spatial Analysis and Modeling (GST102) [3] Data Acquisition and Management (CST103) [3] Cartographic Design and Visualization (GST104) [3] Introduction to Comp Info Syst (CIS120) [3] Introduction to Human Geography (GEO102) [3] Physical Geography (GEO110) [3]	0.5 0.5 0.5 0.5 0.5 0.5 0.5
INDUSTRIAL TECHNOLOGY	Air Conditioning and Refrigeration (ACR101) [3] AutoCAD 1-Drafting (DFT100) [3] Basic Electricity (ECT105) [3] Core Curriculum Introductory (TEC100) [5] 10 Hour OSHA Construction Card (TEC125) [1] Employee and Occupational Safety (TEC165) [3] Techniques in Gas Metal Arc Welding (WLD109) [3]	0.5 0.5 0.5 0.5 NONE 0.5 0.5

WAVE #50 – CENTRAL CAMPUS (CC) – Lake Havasu

Future Culinarians! WAVE Culinary classes are held at the WAVE Campus (1540 S. Palo Verde Blvd.). There is an a.m. session for 10th graders and a p.m. session for 11th & 12th graders.

Transportation is provided from WAVE to LHHS at the close of the a.m. session. **Transportation is provided** from LHHS to WAVE at the beginning of the p.m. session.

Students rotate weekly between the culinary kitchen/lab environment and the hospitality classroom/workplace learning environment. Each section meets for 2 periods each class day. The morning class is P1 and P2 and runs from 7:45 am-9:45 am. Afternoon class is P5 and P6 and runs from 12:45 pm-3:00 pm. WAVE courses meet Monday, Tuesday, Wednesday, and Friday. **Thursdays are non-class days.**



CULINARY & HOSPITALITY AT WAVE CENTRAL CAMPUS

BEGINNING CULINARY & HOSPITALITY (Y1)

M,T,W,F

2.0 credits

Prerequisites:

- ❖ Sophomore (am) & Junior or Senior (pm)
- ❖ Approved WAVE application

Fee: \$80.00
(This fee includes required culinary uniform.)

This year-long professional course is an introduction to the culinary profession. This course includes professionalism, food service vocabulary, menu elements, principles of cooking, knife skills, food tasting, identifying stocks & sauces, herbs & spices, chocolate, and vegetables. This course focuses on workplace skills necessary to secure a job in the hospitality industry. Certificates are available through the National Restaurant Association in both Culinary and Hospitality. Students rotate between the culinary kitchen/lab environment and the hospitality classroom/ workplace learning environment. **Thursdays are non-class days.** Students will have an opportunity to participate in leadership organizations and earn industry scholarships. Class is held at W.A.V.E. Central Campus.

Curriculum: National Restaurant Association curriculum

- ProStart Level 1
- ProStart Level 2

Internship/Workplace Learning: *8 hours/semester* (various locations/events outside of class)

Leadership & Scholarship Org: * FCCLA * C-CAP *

ADVANCED CULINARY & HOSPITALITY (Y2)

M,T,W,F

2.0 credits

Prerequisites:

- ❖ Junior or Senior AND completed Beginning Culinary class with C or higher
- ❖ Pm class only
- ❖ Must receive a C or higher semester 1 to continue to semester 2
- ❖ Approved Year 2 WAVE application
- ❖ Instructor Approval

Fee:
\$80.00
(This fee includes required culinary uniform.)

This year-long course is for the student who is interested in a career in the field of Culinary & Hospitality. These courses are aligned with both the certificate program and the A.A.S. degree offered through Mohave Community College. This year-long advanced course is for the serious culinarian wishing to pursue additional Culinary & Hospitality training. Students will rotate between the culinary kitchen/lab and the hospitality classroom/workplace learning environment. Students will have an opportunity to participate in leadership organizations and earn potential scholarships. Class is held at W.A.V.E. Central Campus.

Curriculum: National Restaurant Association curriculum
MCC approved curriculum and textbooks
Rouxbe online curriculum

Internship/Workplace Learning: various locations/events outside of class

Leadership & Scholarship Org: * FCCLA * C-CAP *

Certifications: 3 certifications

- NRA/ManageFirst SERVSAFE MANAGER *
- NRA/ManageFirst CUSTOMER SERVICE *
- NRA/ManageFirst HOSPITALITY & RESTAURANT MGT *

CULINARY COMMUNITY AMBASSADOR (Y3)

2.0 credits

Prerequisites:

- ❖ Senior AND completed Advanced Culinary class with C or higher
- ❖ Am or pm
- ❖ Approved Year 3 WAVE application
- ❖ Instructor Approval

Fee:

\$80.00

(This fee includes
required culinary
uniform.)

This year-long course is for 3rd year culinary students who are interested in classroom and community projects and events related to careers in Culinary & Hospitality. This class will provide multiple opportunities for student involvement in catering events, managing charitable projects, and working with local hospitality and culinary professionals. Some examples include: co-teaching nutrition classes, volunteering at local food banks, middle school recruitment, cooking for cancer, community holiday dinner, K12 Foundation Taste-of-Havasut, Top Chef, WAVE student dinner series, and multiple other events/projects. Class is held at W.A.V.E. Central Campus.

Curriculum: National Restaurant Association curriculum
Rouxbe online curriculum

Internship/Workplace Learning: various locations/events outside of class

Leadership & Scholarship Org: * FCCLA * C-CAP *



ARTS-COMMUNICATIONS-HUMANITIES

MUSIC AND AUDIO TECHNOLOGY

The Lake Havasu High School Music and Audio Technology Program is designed to provide incoming students with the training necessary to secure employment in either the digital audio and/ or video fields, with an emphasis on digital audio recording, mixing, and editing, as well as, video filming, recording, and editing. Additionally, internet-based audio and video will be introduced via webcasting and podcasting. AVID Industries certifications (at various levels) in Pro-Tools (the benchmark digital audio recording program used in the industry worldwide for the last decade) and certification with the ADOBE video editing software (again one of the primary video editing programs used in the industry worldwide) will be made available. This certification would give the student credibility on their resume when interviewing with any prospective employer.

The Music and Audio Technology Program is academically rigorous and demanding, but also extremely fun, creative, and rewarding. It is a “hands-on,” project-based program. Students need to keep in mind that upon the completion of each year, they must be invited by the instructor to continue their involvement in the program. Aptitudes required for the audio/video program include: computer skills; mathematical skills; eye, hand, and ear coordination for detail in both visual and auditory perception; creativity; self-motivation and ambition; verbal and written communication skills; as well as learning how to improve precision in both audio and video editing. The successful student will also build a portfolio of projects, which will be used for job interviews as well as career placement in the industry. In addition, for those students who plan to further their education, the portfolio can help to obtain collegiate scholarship assistance and grants.

CTE INTRODUCTION TO MUSIC AND AUDIO TECHNOLOGY 1-2*

1.0 credit

Prerequisite: None

***Fine Arts Credit**

Fee: \$20.00

This course is a hands-on introduction to media production (both audio and visual), including webcasting. Students will investigate approaches used in digital editing with a focus on interaction between graphics, audio, and video. Students will create and edit audio-visual projects. Students will get an overview into digital audio recording using “Pro-Tools” as well as other audio digital recording systems. Additionally, students will be introduced to the ADOBE Premiere Pro video editing software suite. Students will have the opportunity to showcase their ideas and talents using various media and have the opportunity to participate in SkillsUSA.

The course fee is used to purchase disposable items such as blank CD’s, blank DVD’s, miscellaneous audio cables, audio splitters, audio extender cables, memory sticks, memory card readers, virtual instrument software and effects.

SkillsUSA Studio Club- Audio* Studio Club-Video*

CTE INTERMEDIATE MUSIC AND AUDIO TECHNOLOGY 1-2

1.0 credit

Prerequisite: CTE Introduction to Music and Audio Technology 1-2

Fee: \$20.00

This course is a continuation of CTE Introduction to Audio Visual Technology 1-2. The technology and techniques used in creating soundtracks for TV, film, and multi-media are presented in this studio class. Students learn the technology and techniques of synchronizing video with all audio platforms, learn more advanced recording and editing techniques in “Pro-Tools” as well as other audio digital recording systems. Additionally, students will delve deeper into the ADOBE Premiere Pro video editing software suite, as well as other modules including After Effects. Students will have the opportunity to participate in SkillsUSA.

The course fee is used to purchase disposable items such as blank CD’s, blank DVD’s, miscellaneous audio cables, audio splitters, audio extender cables, memory sticks, memory card readers, virtual instrument software and effects.

SkillsUSA Studio Club- Audio* Studio Club-Video*

CTE ADVANCED (A) MUSIC AND AUDIO TECHNOLOGIES 1-2**1.0 credit***Prerequisite: CTE Intermediate Music & Audio Technology AND Teacher***Fee: \$20.00****Recommendation**

This course is an advanced continuation of Intermediate Music and Audio Technology 1-2 for students interested in entering this career pathway. Students will be prepared with advanced technical knowledge and skill using a variety of high-tech media equipment. Students will learn highly advanced recording and editing techniques in “Pro-Tools” as well as other audio digital recording systems. Venues include TV broadcasting, Webcasting, & DVD creation. Additionally students will delve deeper into the ADOBE Premiere Pro video editing software suite, as well as other modules including After Effects. Students will have the opportunity to participate in SkillsUSA.

The course fee is used to purchase disposable items such as blank CD’s, blank DVD’s, miscellaneous audio cables, audio splitters, audio extender cables, memory sticks, memory card readers, virtual instrument software and effects.

SkillsUSA Studio Club- Audio* Studio Club-Video*

CTE ADVANCED (B) MUSIC AND AUDIO TECHNOLOGIES 1-2**1.0 credit***Prerequisite: Advanced (A) Music & Audio Technology AND Teacher Recommendation***Fee: \$20.00**

This course is an advanced continuation of Intermediate Music and Audio Technology 1-2 for students interested in entering this career pathway. Students will be prepared with advanced technical knowledge and skill using a variety of high-tech media equipment. Students will learn highly advanced recording and editing techniques in “Pro-Tools” as well as other audio digital recording systems. Venues include TV broadcasting, Webcasting, & DVD creation. Additionally, students will delve deeper into the ADOBE Premiere Pro video editing software suite, as well as other modules including After Effects. Students will have the opportunity to participate in SkillsUSA.

The course fee is used to purchase disposable items such as blank CD’s, blank DVD’s, miscellaneous audio cables, audio splitters, audio extender cables, memory sticks, memory card readers, virtual instrument software and effects.

SkillsUSA Studio Club- Audio* Studio Club-Video*

DIGITAL COMMUNICATIONS

The Digital Communications Instructional program prepares students to use industry-standard principles, tools and techniques to collect, write, edit and present news in a variety of print and online media: newspaper, magazine, yearbook, blog, etc. The Digital Communications program focuses on the theory and practice of gathering, processing and delivering news and information in a consistent, transparent and honest way and prepares students for rewarding careers in print and online journalism, publishing and other communication and media centric industries. The Digital Communication Instructional program includes instruction in news writing and editing, reporting, photojournalism, page layout and graphic design, journalism law and policy, professional standards and ethics, research methods, and journalism history and criticism.

Students who successfully complete the Digital Communication program’s coherent sequence of instruction will develop an in-depth, practical understanding of the three phases of the media creation process: pre-production, production and post-production. The Digital Communication program includes instruction in business best practices and the economic impact of the media industry, intellectual property law, data capture and manipulation, media management and media distribution and delivery. Embedded within the Digital Communication instructional program are verbal and nonverbal communication skills, writing skills and mathematical skills required by the media industry. Throughout the Digital Communication instructional program, students learn and practice valuable skills using real-world computer hardware and news-gathering equipment as well as industry-standard image editing, graphic design and page layout software to create high quality, professional-grade media products. The Digital Communication instructional program is designed to prepare students for postsecondary education and/or entry level employment and/or to successfully earn the following industry-validated credential: Adobe Certified Associate (ACA), PrintED/SkillsUSA Student Certification

and others. Digital Communication students develop leadership, social, civic and career skills through participation in a state recognized Career and Technical Student Organization SkillsUSA or FBLA (Future Business Leaders of America).

CTE INTRODUCTION TO DIGITAL COMMUNICATIONS

1.0 credit

Prerequisite: Grade of C or higher in English

Fee: \$20.00

This course is an introduction to technical skills and knowledge for segment of specific CTE programs that are offered at LHHS (Journalism and Yearbook). The focus of the coursework will be in line with the specific industry(ies) that are available and relevant to the student's future plans of post-secondary and/or business & industry. Through demonstrations and hands on work, students will use the knowledge that they obtain to produce projects demanded by real world jobs, for example a news page, news site, news broadcast, videos, photojournalism project (picture packet), yearbook layout and infographics.

Because this is a rigorous course and self-motivation is such an important part of this curriculum, students who cannot work at this level and have a "D" or "F" at semester will not be allowed to continue the course the following semester. Students will have the opportunity to participate in SkillsUSA.

Instruction will include:

- Analyzing the media industry, business practices and its role in the economy.
- Investigating the Intellectual Property Law and Rights Management. Demonstrating verbal and nonverbal communication skills required by the media industry.
- Demonstrating written communication skills within the media industry.
- Utilizing computer applications to manage media.
- Applying knowledge of data capture and manipulation.
- Becoming versed in various software applications including: Adobe Suite (Premiere, Illustrator, InDesign, Photoshop, etc.), Google Drive and apps (Calendar, Gmail, Web Pages, Blogs).
- Exposing students to the materials, processes, and artistic techniques involved in film, television, or video.
- Providing students with a basic, working knowledge of photographic techniques.
- Learning about theories and the application of the theories in design and photography (compositional elements, design elements, color theory, editing styles, layout, and typography).
- Using the computer as an alternate medium for visual expression and gain knowledge of digital photography that can be applied to school newspaper or yearbook projects.

The course fee is used to purchase SD cards, digital cameras, paper and ink, and software upgrades.

SkillsUSA

CTE ADVANCED DIGITAL COMMUNICATION - JOURNALISM

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ CTE INTRODUCTION TO DIGITAL COMMUNICATIONS 1-2
- ❖ Recommendation/ Invite ONLY and 8 or fewer absences

The Advanced Digital Communication - Journalism class publishes a monthly newspage, an online website, creates weekly-televised news broadcasts, as well as, daily announcements via the intercom. The classroom mimics a newsroom environment.

Instruction will include:

- **Graphic Design:** Students will utilize the Adobe software, Illustrator and InDesign to create ads and graphics, and layout for newspaper and broadcast publications pages.
- **Digital Photography:** Students will utilize Canon series DSLR cameras, lenses, flashes, etc. to take photos for journalism publications.
- **Digital Printing:** Students will utilize an HP LaserJet printer to produce a copy for proofreading and copyediting prior to digital transmission of our monthly news pages and quarterly magazine.

- **Digital Editing:** Students will utilize industry standard software Adobe Photoshop and Premier to edit both photos and video.
- **Broadcast:** Students will utilize Canon series DSLR cameras and video accessories (e.g. microphones, lighting, green screen, etc.) to record daily announcements and weekly broadcast videos.
- **Journalism:** Students will practice the story writing process by conducting interviews, researching information, polling, writing, editing, proofreading, revising, and producing a variety of typical journalism articles and broadcasts.

Because this is a rigorous course and self-motivation is such an important part of this curriculum, students who cannot work at this level and who receive a “D” or “F” at semester will not be allowed to continue the course the following semester. Students will have the opportunity to participate in SkillsUSA.

The course fee is used to purchase SD cards, digital cameras, paper and ink, and software upgrades.

Certifications – Adobe Premiere, Photoshop, Illustrator, InDesign.

Royal Report *Knight Life* *SkillsUSA*

CTE ADVANCED DIGITAL COMMUNICATION – JOURNALISM (H)

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ CTE INTRODUCTION TO DIGITAL COMMUNICATIONS 1-2
- ❖ Meets Honors Requirements
- ❖ Must be in year 3 or 4 of program
- ❖ Recommendation/ Invite ONLY and 8 or fewer absences

Honors students will enter the class with basic publication skills already in place. This class will enable them to perfect these skills. Honors students will instruct and direct peers in various aspects of the publication process, maintaining a professional attitude even during stressful times. Honors students will provide leadership during the publication process. They may assume the editorship roles in order to design and edit peer work. They may also lead staff meetings and planning and design teams. Honors students will be expected to do extra deadline and business work beyond what regular staff members are asked to produce.

Students participate in an integrated journalism program including preparation of a portfolio to demonstrate the range and depth of journalism experiences. Students will prepare a portfolio which may be submitted to state and national contests for recognition but serves primarily as documentation of growth, maturity and range of students' writing, editing, design, photography, management and advertising skills.

CTE ADVANCED DIGITAL COMMUNICATION – PUBLICATION

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ CTE INTRODUCTION TO DIGITAL COMMUNICATIONS 1-2
- ❖ Recommendation/ Invite ONLY and 8 or fewer absences

Digital Communication-Publication course solely works toward the completion and selling of a large finished product, Lake Havasu High School's yearbook. This course also examines legal and ethical issues of media law and copyright.

Instruction will include:

- **Graphic Design:** Students will utilize the Adobe software, Illustrator and Photoshop to create ads and graphics, and as well as the Jostens provided online program Yearbook Avenue to create yearbook spreads.
- **Digital Photography:** Students will utilize Canon series DSLR cameras, lenses, flashes, etc. to take photos for the publication.
- **Digital Printing:** Students will utilize an HP LaserJet printer to produce a copy for proofreading and copyediting prior to digital transmission of spreads.
- **Digital Editing:** Students will utilize industry standard software Adobe Photoshop and Premier to edit both photos and video.

- **Videography:** Students will utilize Canon series DSLR cameras and video accessories (e.g. microphones, lighting, green screen, etc.) to record videos for the digital yearbook.
- **Journalism:** Students will practice the copy writing process by conducting interviews, researching information, polling, writing, editing, proofreading, revising, and producing copy such as captions and stories.
- **Marketing:** Yearbook is a monetary business, so students will create ads, sell and design advertising, and distribute yearbook order forms.

Excalibur *SkillsUSA*

CTE ADVANCED DIGITAL COMMUNICATION – PUBLICATION (H)

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ CTE INTRODUCTION TO DIGITAL COMMUNICATIONS 1-2
- ❖ Meets Honors Requirements
- ❖ Must be in year 3 or 4 of program
- ❖ Recommendation/ Invite ONLY and 8 or fewer absences

Honors students will enter the class with basic publication skills already in place. This class will enable them to perfect these skills. Honors students will instruct and direct peers in various aspects of the publication process, maintaining a professional attitude even during stressful times. Honors students will provide leadership during the publication process. They may assume the editorship roles in order to design and edit peer work. They may also lead staff meetings and planning and design teams. Honors students will be expected to do extra deadline and business work beyond what regular staff members are asked to produce.

Students participate in an integrated journalism program including preparation of a portfolio to demonstrate the range and depth of journalism experiences. Students will prepare a portfolio which may be submitted to state and national contests for recognition but serves primarily as documentation of growth, maturity and range of students' writing, editing, design, photography, management and advertising skills.

BUSINESS MANAGEMENT

CTE FUND OF BUSINESS MANAGEMENT

0.5 credit

Prerequisite: None

Fee: \$10.00

This semester class will focus on both large and small businesses relative to: Developing Management and Leadership Skills, Marketing Concepts, Career Development, Communication Skills, Seeking Employment, Work Skills, and Business Technology. Integration of computer software such as Microsoft Word, PowerPoint, and Excel will be used in conjunction with extensive utilization of the Internet. Students will read current magazine and journal articles related to businesses, ethics and current events. Students will be able to complete and solve complex problems and use higher-thinking skills regarding the world of business. Students will create and work with items such as business letters, resumes, slideshow presentations, and web sites. In addition, students will begin building oral communication skills through class presentation of projects and will be responsible for accurate essays and papers outlining and exploring project ideas.

CTE INTERMED BUSINESS MANAGEMENT 1-2

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ CTE Fund of Business Management
- ❖ Grade of "C" or better to continue the following semester

This yearlong course will focus on business technology, business and general management practices, human resources, personal finance, financial records & financial statements, global economy, legal and ethical issues, entrepreneurship and problem solving needed for Business Management. Expanded coursework will include *The Teen Entrepreneur*, an Integrated Computer Applications and Entrepreneurship Simulation developed to provide teenage-level students with an in-depth, real-world experience in creating a comprehensive business plan for a self-selected teen-based business.

It is designed to give students the following skills: computer applications, decision-making, creating financial statements, technical writing, research, entrepreneurial skills and concepts, owning and running a business and marketing and promotion. Computer and Internet interactive training will benefit students in today's digital world. Training will include basic instruction in computers, operating systems, and functions of word processing, spreadsheet, e-mail, and Web browser applications. Students will be prepared to pass the three Internet and Computing Core Certification, or IC3, certification exams. Overall, this course will allow students to be able to complete and solve complex problems and use higher-thinking skills regarding the world of business. Advanced oral communication skills will be learned through class presentation of projects and public speaking events, i.e. FBLA (Future Business Leaders of America). This is a demanding class, with a fast tempo, but if students are willing to put in the effort, success is guaranteed.

FBLA

	MCC	LHHS
CTE DE BUE 101 (H) - Intro to Business	3.0 credit hrs	0.5 credit
CTE DE BUE 275 (H) – Effective Leadership for Entrepreneurs	3.0 credit hrs	0.5 credit
Prerequisites:		Fee: \$20.00
❖ Junior or Senior		
❖ CTE INTERMED BUS MGMT 1-2 AND Teacher Recommendation		
❖ Grade of “C” or better to continue the following semester		
❖ Qualifying MCC Accuplacer score (Reading 240, Writing 240) by Spring Deadline		

BUE 101 (H) (S1) is a one semester course that provides an overview of business principles and leading-edge practices that examines in-depth the major issues in owning a business and that will shape the future of business: entrepreneurship, small business management, business ethics, economics, financial markets, customer satisfaction, quality, career development, global business and the impact of technology.

BUE 275 (H) (S2) is a one semester course that explores leadership skills of entrepreneurs. Learn concepts for motivating and leading employees in the workplace. Techniques used to improve relationships between supervisors and employees to minimize conflict, improve employee morale and productivity will be examined. The impact of cultural diversity in the workplace will be emphasized throughout the course.

***If BUE 275 isn't offered, the class will become ADV. (A) BUSINESS MANAGEMENT**

Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.

FBLA

CTE ADVANCED (B) BUSINESS MANAGEMENT 1-2	1.0 credit
Prerequisite: CTE INTERMED BUS MGMT 1-2 AND teacher approval	Fee: \$20.00

This course continues the Advanced Business Operations skills and incorporates professional partnerships for students.

MARKETING

CTE INTRO TO MARKETING*	1.0 credit
Prerequisites:	
❖ By election and compliance with qualifications	
❖ 9 th and 10 th grade students enrolled in Introduction course	

This course is designed to introduce the students to basic marketing concepts and principles as they relate to Professional Sales and Marketing, Advertising and Public Relations, Entertainment Marketing and Entrepreneurship.

*Name change for Student Government

CTE ADVANCED MARKETING***1.0 credit****Prerequisites:**

- ❖ *By election and compliance with qualifications*
- ❖ *11th and 12th grade students enrolled in Advanced course*

This course prepares students to perform advanced marketing functions including examining promotional strategies and assessing concepts, strategies and systems of Digital Marketing and other tasks as they relate to selling and retailing.

*Name change for Student Government

ENGINEERING

AUTOMOTIVE TECHNOLOGY

Intermediate and Advanced Autos classes are for those students who like to solve problems. Like ‘detectives’, students will learn how to interpret customer concerns, look for diagnostic clues, and perform testing to determine the ultimate cause of a vehicle not performing as it should. Technicians are in demand, and our focus is on Automotive Service Excellence (ASE) certification, specifically on ASE tests A5, A6, A8. Students who work diligently in both Intermediate and Advanced Autos should find they are prepared to take these ASE Certification tests after graduation.

Students selecting Automotive Technology at Lake Havasu High School face a win-win situation. As Intermediate and Advanced Autos classes are Dual Enrollment, students who successfully complete those classes receive both High School credit and Mohave Community College credit as well. When continuing your education at MCC, you will already have credits earned. This represents a significant time and tuition savings, as well.

CTE AUTOMOTIVE MAINTENANCE**0.5 credit****Prerequisite: None****Fee: \$10.00**

This one semester course is designed to develop an understanding of the Automotive Technology field, covering the basic principles and techniques of the OEM (Operations, Engineering, & Maintenance) maintenance and for those who would like to explore the career possibilities in this Engineering Pathway. Safety is always a priority. Students will explore various automotive components in the context of workplace skills. The shop work involves the use of trainers that help document student competence as they progress throughout this course. Career and Technical Students Organization (CTSO) competencies will be an integral part of this class. Students will have the opportunity to participate in SkillsUSA. **Students who do not pass the safety skills exams will be placed in a NO CREDIT study hall.**

The course fee is used to purchase a personal pair of Snap-on mechanic’s gloves for each student along with ANSI approved safety glasses.

CTE AUTO TECH 1-2**1.0 credit****Prerequisites:****Fee: \$40.00**

- ❖ *Successful completion of CTE Engineering - Automotive Maintenance or Application*
- ❖ *Interview with instructor.*

This course is for the Automotive Technology student who wants to pursue an automotive-related career. This one-year curriculum focuses on STEM and how these principles relate to industry. Safety is a priority. Study involves development of an individual career plan, preparation for employment, participation in work-based learning skills, demonstration of oral and written communication skills, evaluating the role of small businesses, demonstration of practices needed for entrepreneurs, evaluation and building of leadership styles, participation in leadership activities, and determining appropriate tool care. In addition to workplace skills and an introduction to Automotive Technology, the following NATEF/ASE areas will be instructed: Electrical/Electronic Systems and Engine Performance. Students will have the opportunity to participate in SkillsUSA.

The course fee is used to purchase a personal pair of Snap-on mechanic's gloves for each student along with ANSI approved safety glasses and a protective hat typically worn by a mechanic.

SkillsUSA

CTE VOCATIONAL AUTOMOTIVE & SKILLS 1-2-3-4

2.0 credits

Prerequisites:

Fee: \$40.00

- ❖ *Junior or Senior*
- ❖ *Successful completion of CTE Engineering – Auto Tech or Application*
- ❖ *Interview with instructor.*

This two-hour course is designed to develop an understanding of the Automotive Technology field. The curriculum focuses on two of the four upper tasks of the ASE covered in the ADE state standards. This course is designed for those who would like to explore the career possibilities in this *Engineering Pathway*. Safety is a priority. In addition to workplace skills and an introduction to Automotive Technology, the following NATEF/ASE areas will be instructed: Brakes, Engine Performance, and an exploration in Engine Repair. The shop work will consist of learning the testing procedures in these areas through the use of computerized technology: implementation of repairs to the automotive electrical system, repairs to steering and suspension and implementation of general engine performance diagnosis and repair.

The course fee is used to purchase a personal pair of Snap-on mechanic's gloves for each student along with ANSI approved safety glasses and a protective hat typically worn by a mechanic.

SkillsUSA

CABINETMAKING

The Lake Havasu High School Cabinetmaking program is designed to provide incoming students with the training necessary in the construction field as a whole, with an emphasis on fundamental tool identification and use, three view drawing and safety procedures for the beginning students in the Fundamental Engineering course. The second phase is the Introduction to Cabinetmaking which is a more advanced course that covers advanced cabinet construction and use of all stationary and power tools. This course also covers blueprint reading and three-view drawing with an emphasis in more sophisticated drawings. The third phase in the Advanced Cabinetmaking course that focuses solely on Residential Construction Techniques, framing layout, stair calculation and construction and stick framing roof systems. This course also incorporates construction estimating and contracting preparing students to work as a skilled framer or start and run their own construction company.

Disciplines addressed in the program are: Floor, wall, rafter and stair framing techniques and layout, blueprint reading, materials estimating, construction contracts, change orders, line item cost analysis, bank draws and residential construction inspections and code requirements and last but not least, leadership skills. In addition, the Introduction course will focus on stationary power tool use, construction joinery, advanced cabinet making techniques and construction safety. The fundamentals course in the introductory course that prepare the students for basic three view drawing techniques, hand tool usage, portable power tool and hand tool safety and general shop safety. These are all addressed collectively in this comprehensive program that results in a career ready individual.

The Lake Havasu High School Cabinetmaking Engineering Program is academically rigorous and demanding. Students need to keep in mind that upon the completion of each year, students must be invited by the instructor to continue their involvement in the program. Aptitudes required for the Construction program include: setting goals and achieving at a high level of competency, eye for detail with visual perception; creativity, free thinking; self-motivation and discipline, ambition; verbal and written communications fluency; pride in work.

CTE FUNDAMENTALS OF CABINETMAKING

0.5 credit

Prerequisite: *None*

Fee: \$20.00

This is a one-semester introductory course exploring career opportunities in the construction industry. Students will participate in various projects designed to practice safe use of hand and hand-held power tools. Students will

interpret schematic and technical drawings, including symbols, legend, scale & directions. Students will perform mathematical calculations in the context of construction problems and identify and use common measurement tools in the construction industry. **Students who do not pass the safety skills exams will be placed in a NO CREDIT study hall.**

The course fee is used to purchase a pair of safety glasses, project lumber, and various shop supplies (glue, nails, screws, finishing materials, etc.).

CTE INTRODUCTION TO CABINETMAKING 1-2

1.0 credit

Prerequisites:

Fee: \$40.00

- ❖ *Fundamentals of Engineering - Cabinetmaking with grade of “C” or better*
- ❖ *Instructor Approval*

This year-long class is designed to introduce the construction technologies. The class content includes the course competencies designed by the Arizona Department of Education. Specific areas of instruction include: job-site safety, extensive training with hand-held and stationary power tools while building a variety of small bench-top projects. As students move through the course and become proficient with shop tools they are given the opportunity to design and build their final project. Students will also have the opportunity to participate in SkillsUSA.

The course fee is used to purchase a pair of safety glasses, project lumber, and various shop supplies (glue, nails, screws, finishing materials, etc.).

SkillsUSA

CTE ADVANCED CABINETMAKING 1-2-3 -4

2.0 credits

Prerequisites:

**Fee: \$40.00
per credit**

- ❖ *Introduction to Cabinetmaking with grade of “C” or better*
- ❖ *Instructor Approval*

This course is a “hands on” emphasis on current Construction Technologies. Students design and build numerous structures on and off campus with the goal to work with local builders and agencies to provide live hands on experience for the students. Specific instruction includes working with concrete, drywall, framing, plumbing, and electrical. There is also an emphasis on residential contracting which includes building contracts, change order processes, line item analysis, dispute resolution, and building inspection. Students also learn to read and draw building plans along with learning about the building permit process and building codes. Students will have the opportunity to participate in SkillsUSA.

The course fee is used to purchase a pair of safety glasses, project lumber, and various shop supplies (glue, nails, screws, finishing materials, etc.).

SkillsUSA

SOFTWARE AND APP DESIGN

According to the U.S. Bureau of Labor Statistics (2018), the Software Developer career is projected to be one of the fastest growing occupations through 2028.

The Lake Havasu High School Software and App Design instructional program prepares students to apply basic programming principles and technical skills to support careers in developing, implementing, and evaluating computer software and program applications. Throughout the Software and App Design course, students will learn how to program, programming languages, databases, user interfaces, networking and warehousing, encryption and security, software testing and evaluation, and customization. Students will work to solve problems using programming languages through the design, execution, and refinement of solutions to ensure appropriate results.

Students can start the Software & App Design program their freshman or sophomore year. The student’s start year is based on the student’s math skill. The student must earn a C or better in Algebra 1 or Math 8.

Students who complete two years of the program take a two-year course state completion test. Advanced Year 3 students prepare to take the Microsoft Technical Associate (MTA) Certification Exam in Software Development

Fundamentals (C#). This certification grants them an advantage in the work force and gives a solid start to software engineering. A fourth year of the Software & App Design class is available.

CTE INTRODUCTION TO SOFTWARE & APP DESIGN 1-2

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ *Freshman or Sophomore*
- ❖ *The student must earn a C or better in Algebra 1-2 or Math 8.*

This course provides an introduction to programming. Students will create, edit, and execute code, use mathematical and relational operators, and apply knowledge to code editors including gaming software. Students gain experience with coding concepts such as: functions, variables, loops, comparison and logical operators and more. A strong background in technology, math and attention to detail is a good match for interested students, as well as strong character initiative in creativity. Tenacity is key when debugging and correcting code. Programming languages used include JavaScript and GML (GameMaker). Additional topics covered include: File type conversion, cybersecurity, encryption, cloud-based software, database software, and more.

The course fee is used to purchase flash drives, color ink, paper/special paper, input devices, SkillsUSA preparation/competition materials, and software.

SkillsUSA

CTE INTERMEDIATE SOFTWARE & APP DESIGN 1-2

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ *CTE Intro to Software & App Design 1-2, grade "C" or better*
- ❖ *Teacher Recommendation*

This course establishes a greater understanding of programming using the Python language. Students will have a solid foundation in coding concepts such as: functions, variables, for loops, while loops, if and if/else statements, return values, and more. Students start to use Microsoft Visual Studio (Windows Forms in C#) and take their coding skills to the next level in developing video games using GML language. Class time is dedicated to prepare them for the 2-year state course completion test. Creativity and taking initiative is key for success in the Intermediate course.

The course fee is used to purchase flash drives, color ink, paper/special paper, input devices, SkillsUSA preparation/competition materials, and software.

SkillsUSA

CTE ADVANCED SOFTWARE & APP DESIGN 1-2

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ *Two years of Software & App Design classes with grade of "C" or better*
- ❖ *Teacher recommendation*

This course is for students dedicated to those are independent thinkers, problem solvers and who may have an interest in a Software and App Design college pathway or career. Students continue to use Microsoft Visual Studio (C#) and develop sophisticated games with specific parameters from their Game Design Document. Many weeks of the class is used to prepare for the Microsoft Technical Associate (MTA) certification. This is an industry ranked exam highlighting the skills the student has acquired and is excellent to have on their resume.

The course fee is used to purchase flash drives, color ink, paper/special paper, input devices, SkillsUSA preparation/competition materials, and software.

SkillsUSA

ENGINEERING SCIENCES

The Engineering Sciences program is designed to develop student's understanding of engineering problem solving and design practices. The program will prepare students to apply fundamental scientific and mathematical laws and principles relevant to engineering and technology. Students will learn to use systems of measurement, apply engineering technologies and tools as well as learn about the different disciplines and opportunities within the field

of engineering. The program is designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised occupational experience and leadership and personal development through the Career and Technical Student Organization, SkillsUSA.

CTE INTRODUCTION TO ENGINEERING SCIENCES 1-2

1.0 credit

Prerequisite: Completed Geometry or taken simultaneously

Fee: \$20.00

This course will teach the basic knowledge of Engineering principles and systems such as the engineering process, system analysis and control, focusing on the application of mathematical laws and principals.

SkillsUSA

CTE INTERMEDIATE ENGINEERING SCIENCES 1-2

1.0 credit

Prerequisites:

Fee: \$20.00

- ❖ *Completion of CTE Intro Engineering Sciences*
- ❖ *Completed Algebra 3-4 or taken simultaneously*

This course provides an opportunity for students to apply fundamentals in the world of new technologies emerging from engineering research such as nanotechnology, chemical, environmental or mechanical engineering. This includes the use of hand machine tools, computer aided tools and measurement systems. Students will learn how to link theory to hands-on real-world applications.

SkillsUSA

CTE ADVANCED ENGINEERING SCIENCES 1-2

1.0 credit

- ❖ *Prerequisite: Completed PreCalculus or taken simultaneously*

Fee: \$20.00

This course prepares students to use critical thinking skills and apply formulations from pre-calculus to basic innovative engineering job functions of research, design, development, testing and analysis when preparing product. Students will apply concepts of math and science, and problem-solving skills to the different systems using input, process, output and feedback. Students will further demonstrate the fundamentals of engineering and mechanics using scientific principles from materials to construct a project with consideration to environmental factors, economics and safety. This course is modeled to university criterion covering engineering theory through a hands-on approach.

SkillsUSA

ENGLISH

9th READ 180 1-2 or

1.0 credit

10th – 12th READ 180 1-2

Prerequisite: Recommendation of English teacher based on test scores or AZELLA scores

This class provides intensive intervention for students who experience difficulty with reading comprehension. Students are given direct whole group instruction in reading, writing and vocabulary. Students are also broken up into small rotating groups in order to receive individualized assistance from the teacher. Specialized software, tailored to the individual skill level of each student, is an important part of this program. Students read books at their own independent reading level in order to build their comprehension skills.

FRESHMAN ENGLISH 1-2

1.0 credit

Prerequisite: None

This course provides a balanced, unified program of instruction in grammar, theme & genre-driven literature and composition. It engages the student in appropriate practices of listening, reading, speaking, writing and related thinking and study skills.

FRESHMAN HONORS ENGLISH 1-2**1.0 credit****Prerequisites:**

- ❖ Please see Honors requirements on page 10.
- ❖ Students placed in honors English are expected to complete a reading assignment over the summer and will complete an assignment based on this summer reading during 1st semester.

This course provides a balanced, unified program of instruction in grammar, vocabulary, theme & genre-driven literature, composition, and speech. It engages the student in appropriate practices of listening, reading, speaking, writing, and related thinking and study skills. This course is demanding and rigorous.

It is an honors program that moves through the topics of Freshman English 1-2 at an accelerated pace and includes topics not taught in other courses in the English department.

SOPHOMORE ENGLISH 3-4/WORLD LITERATURE**1.0 credit****Prerequisite:** None

This course is a study of grammar, vocabulary, composition and literature. This class focuses on the historical and cultural aspects of world literature. The units provide a framework in which students may utilize English skills for further development of ideas and attitudes.

SOPHOMORE HONORS ENGLISH 3-4/WORLD LITERATURE**1.0 credit****Prerequisites:**

- ❖ Please see Honors requirements on page 10.
- ❖ Students placed in honors English are expected to complete a reading assignment over the summer and will complete an assignment based on this summer reading during 1st semester.

This course is a study of grammar, vocabulary, composition and literature. This class focuses on the historical and cultural aspects of world literature. The units provide a framework for students to utilize English skills for further development of ideas and attitudes. This course is demanding and rigorous.

It is a program that moves through the topics of standard Sophomore English 3-4 at an accelerated pace and includes topics not taught in other courses in the English program.

JUNIOR ENGLISH 5-6/AMERICAN LITERATURE**1.0 credit****Prerequisite:** None

This course focuses on a chronological study of American literature and promotes the understanding of the historical nature of literary movements, informational text, including seminal documents and colonial pieces, as well as fiction. Vocabulary, grammar, study skills, and various composition projects stress logical organization and development essential for effective written and spoken communication.

JUNIOR HONORS ENGLISH 5-6/AMERICAN LITERATURE**1.0 credit****Prerequisites:**

- ❖ Please see Honors requirements on page 10.
- ❖ Students placed in honors English are expected to complete a reading assignment over the summer and will complete an assignment based on this summer reading during 1st semester.

This course focuses on an in-depth study of American literature and promotes the understanding of the historical nature of literary movements, informational text, including seminal documents and colonial pieces, as well as fiction. Vocabulary, grammar, study skills, and various composition projects stress logical organization and development essential for effective written and spoken communication. The honors level will provide a more intense focus on

American literature and composition both in and out of the classroom. Honors is a program that moves through the topics at an accelerated pace with more rigorous assignments than the other courses.

APPLIED ENGLISH AND COMMUNICATIONS 1-2

1.0 credit

Prerequisite: Juniors

This course will teach students communication skills such as reading, writing, listening, and speaking and will emphasize the practical application of communication as a business tool. Students will learn how to use technical reports and manuals, write business letters, write resumes, conduct interviews, write emails, perform multiple types of public speaking (informative, persuasive, and commemorative), and create visually engaging presentations using multi-media approaches.

(Course is an alternative to JUNIOR ENGLISH 5-6/AMERICAN LITERATURE)

SENIOR ENGLISH 7-8/BRITISH LITERATURE

1.0 credit

Prerequisite: None

This course includes a study of British literature by selected authors, a review of grammar skills through composition, and a research project.

World Mythology (Senior English, Semester 1)

0.5 credit

Prerequisite: Senior

This course provides an overview of mythology and its relationship to ancient and current cultures. The course covers the purposes and types of myths, the development of myths and mythological characters, the common elements of mythological structures, the predominant characteristics of deities and sacred places in myth, contemporary theories of myths and mythology, and how myths and mythic structures shape contemporary culture.

Note: Approved by ABOR and NCAA as an English credit

Shakespeare (Senior English, Semester 2)

0.5 credit

Prerequisite: Senior

This course provides students with the opportunity to study Shakespeare's plays and sonnets. Students will study a variety of Shakespeare's tragedies, comedies, romances, and histories as well as selected sonnets. Additionally, the history of theatre will be studied and students will be required to perform Shakespearean scenes. There will be emphasis on close reading, discussion, and analysis themes. Students will prepare for and participate effectively in a range of conversations to express their ideas and learn from/build on the ideas of others. They will formally and informally present their knowledge and ideas through various written assignments (incorporate comprehensive application of MLA guidelines), skills through in-depth engagement with texts, contemporary media, and experiential, applied learning. Students will be exposed to a variety of nonfiction texts used as exemplars.

Note: Approved by ABOR and NCAA as an English credit

	<u>MCC</u>	<u>LHHS</u>
DE ENGLISH 101 (H) (S1)	3.0 credit hrs	0.5 credit
DE ENGLISH 102 (H) (S2)	3.0 credit hrs	0.5 credit

Prerequisites:

- ❖ *Please see Honors requirements on page 10.*
- ❖ *Students placed in honors English are expected to complete a reading assignment over the summer and will complete an assignment based on this summer reading during 1st semester.*
- ❖ *“C” or better to continue the following semester*
- ❖ *MCC Accuplacer score (Reading 240, Writing 240) by Spring Deadline*

English 101 and 102 make up a two-course sequence designed for general study. Both courses review the fundamentals of essay writing. Included will be extensive theme writing with emphasis on exposition and critical thinking. 102 is a continuation of the focus on composition and rhetoric from ENG 101 with an emphasis on persuasive, research-based writing. Both courses include a study of British literature by selected authors. Intensive reading and writing will prepare the student for the rigors of college.

Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.

FINE ARTS

ACTING 1-2

1.0 credit

Prerequisite: None

Fee: \$5.00

This one-year course offers students a practical approach to the fundamental skills of performing arts. Students receive training in theatrical tools including interpretation and vocal training and scene development. Class activities include learning basic skills necessary for theatrical productions, reading and analyzing plays and evaluating performances. The student will act, direct, or be technically involved in scenes, one-act plays or full length production. Through creating theater, students will grow in their ability to comprehend the world and to communicate with others.

The course fee is used to purchase and maintain the script library. The fee is also used to purchase make-up, costume, props, and set pieces.

CTE STAGECRAFT FOR SHOW PRODUCTIONS 1-2

1.0 credit

Prerequisites: Acting 1-2 AND Directors' approval by audition ONLY

Fee: \$5.00

This one-year course will increase students understanding of the technical and performance aspects of drama productions. The student will act, direct, or be technically involved in set, light, sound and costume design in scenes, one-act plays or full-length productions. They will read, write and evaluate plays from a performance and technical aspect as well as view and critique electronic and live performances. Career opportunities and further schooling will be explored in this real-life application. Through creating theater, students will grow in their ability to comprehend the world and to communicate with others.

The course fee is used to purchase and maintain the script library. The fee is also used to purchase make-up, costume, props, and set pieces.

*(replaces CTE Technical Theater for Show Productions 1-2 **and** CTE Acting 3-4)

CTE TECHNICAL THEATRE FOR MUSIC PRODUCTIONS 1-2**1.0 credit***Prerequisite: 9th-12th grade; Directors' approval by audition ONLY***Fee: \$5.00**

In this course, students will learn the basics of breath control, voice projection, vocal placement, diction, rhythm, basic sight reading, character analysis, scene study, basic costuming, and staging directions. Through this exploration students will discover their unique musical theatre talents and use them to contribute to a musical and/or musical revue.

*(replaces CTE Technical Theater for Music Productions 1-2 **and** CTE Musical Theater 1-2)

CTE STAGECRAFT 1-2**1.0 credit***Prerequisite: None***Fee: \$20.00**

Students will gain a yearlong introduction into Technical Theatre and will be trained in the fundamental skills including: arts management, theatre history, stagecraft, sound, lighting and costume design. The outline of these skills serves as a general scope of what the students will learn and be exposed to and is not intended to be all-inclusive. Through learning these basic skills, students will come to appreciate their own unique abilities. Students will create and present one major project in the area of costume design, sound design, make-up, scenery, lighting design, or another approved area.

The course fee is used to purchase props, costumes, make-up and construction materials.

*(replaces CTE Technical Theatre/Design 1-2)

CTE STAGECRAFT 3-4**1.0 credit***Prerequisite: Stagecraft 1-2, an interview AND Director's approval***Fee: \$20.00**

This course is an extension of the Stagecraft 1-2 course. Students will be given hands-on training in all aspects of Technical Theatre including: arts management, stagecraft, sound, lighting and costume design. The outline of these skills serves as a general scope of what the student will learn and be exposed to and is not intended to be all-inclusive. Students will play a valuable part in the productions performed and are required to put their skills to use backstage and in the booth. Through this exploration, students will express these skills and come to appreciate their own unique abilities. In addition, these skills will be utilized to create and present one major project in the area of costume design, sound design, make-up, scenery, lighting design, or another approved area.

The course fee is used to purchase props, costumes, make-up and construction materials.

*(replaces CTE Technical Theatre/Design 3-4)

CTE INTRODUCTION TO STUDIO ARTS AND GRAPHIC DESIGN 1-2**1.0 credit***Prerequisite: None***Fee: \$40.00**

This one-year course is designed to develop an understanding of the design principles and elements through the use of digital and hands on material use (Paint, Graphite, Pastel, and Clay.) This class focuses on both the technical use of materials and the history of visual arts. Adobe Photoshop and Illustrator play an integral role in the creative process in the course. Completion of this course allows for entrance into the visual arts course sequence. No experience necessary.

The course fee is used to purchase tools for clay, brushes, scratch art, quills, canvas and paper. The course fee is also used to purchase several different types of graphic pencils, charcoal, chalk, oil pastels, watercolor paint, acrylic paint, colored pencils, erasers, and ink.

CTE INTERMEDIATE STUDIO ARTS AND GRAPHIC DESIGN 1-2**1.0 credit***Prerequisite: 10th grade: Introduction to Studio Arts and Graphic Design 1-2***Fee: \$40.00***11th, 12th grade: Open for enrollment*

This is a one-year course designed around expanding on the basic techniques learned in Introduction to Digital and Studio Arts. In Intermediate Studio Arts students will learn about drawing, painting, clay and sculpture in different mediums, tools, and the techniques associated with them. There will also be a strong historical overview of art and culture, artists, and artwork. Students will also be responsible for learning and incorporating *Elements and Principles of Design* into their own artwork. This course is designed to allow students a little more freedom of images and subject matter used in their own artwork. Adobe Photoshop and Illustrator play an integral role in the creative process in the course.

The course fee is used to purchase tools for clay, brushes, scratch art, quills, canvas and paper. The course fee is also used to purchase several different types of graphic pencils, charcoal, chalk, oil pastels, watercolor paint, acrylic paint, colored pencils, erasers, and ink.

CTE ADVANCED STUDIO ARTS AND GRAPHIC DESIGN 1-2**1.0 credit***Prerequisite: Intermediate Studio Arts and Graphic Design 1-2***Fee: \$40.00**

This is a one-year course designed around expanding on the basic techniques learned in Introduction to Studio Arts and Graphic Design 1-2. Students will prepare, plan & execute projects using graphic design technology. This course is designed to allow students more freedom to pursue use of images and subject matter in the workplace. Adobe Photoshop and Illustrator play an integral role in the creative process in the course as well as continued development of their artistic skills.

The course fee is used to purchase brushes, canvas, paper, graphic pencils, charcoal, colored pencils, erasers, and ink. At this level, the students are also exposed to the mediums of clay, oil pastels, watercolor, acrylic, and quills.

DE ART 111 (H) (1st Semester Only)**MCC****LHHS****3.0 credit hrs****0.5 credit***Prerequisites:***Fee: \$20.00**

- ❖ Please see Honors requirements on page 10.
- ❖ Accuplacer score (Reading=217) by Spring Deadline

ART 111 is a study of the elements and principles of design as a basis for the visual arts. Development of perception, imagination, and expression through problem solving, discussion, and critical evaluation is included. Emphasis is on two-dimensional work.

The course fee is used to purchase brushes, canvas, paper, graphic pencils, charcoal, colored pencils, erasers, and ink. At this level, the students are also exposed to the mediums of clay, oil pastels, watercolor, acrylic, and quills.

CTE ADVANCED PORTFOLIO (2ND Semester Only)**0.5 credit***Prerequisite: 3.0 GPA in CTE INTERMEDIATE STUDIO ARTS AND GRAPHIC DESIGN 1-2***Fee: \$20.00**

A studio class designed for the career-minded art student with an emphasis on developing an independent portfolio of works. Topics will include advanced painting techniques, murals, film, and the study of traditional artists.

The course fee is used to purchase brushes, canvas, paper, graphic pencils, charcoal, colored pencils, erasers, and ink.

INTRO TO BAND/ORCHESTRA***0.5 credit****(formerly Concert Band 1-2 and Orchestra 1-2)**

Prerequisite: A background of music, playing a band/orchestral instrument is preferred but is not required

This is open to all students interested in playing in an instrumental ensemble such as band or orchestra and any woodwind, brass, or orchestral stringed instruments are welcome. Woodwind instruments include flute, oboe, clarinet, saxophone, or bassoon. Brass instruments include trumpet, French horn, baritone, trombone, or tuba. Stringed instruments include violin, viola, cello, or bass. Students will learn a variety of musical concepts and will better their skills in a band or orchestra setting, including music notation, playing and performing music, analyzing music, and how to care for, and maintain their instrument. They will also be exposed to music of different genres and time periods and basic musical theory. This year-long class is dedicated to training students to be better musicians, and serves as an entry or intermediate level ensemble. This group may perform at school concerts, community events, and regional or state festivals.

*School-owned woodwind, brass, or string instruments are available for rental, while supply lasts. Students are responsible for purchasing their own accessories and necessary equipment for instruments through the band program (including reeds for woodwinds and valve oil for brass, and strings and rosin for strings) and through the LHHS Band Boosters.

WIND ENSEMBLE 1-2 ***1.0 credit****(formerly semester class only)**

Prerequisite: This is an Intermediate/Advanced Class. Students must have taken a high school music class or have prior experience in band. Must know how to play a band instrument, and be able to read musical notation.

Wind Ensemble is a more advanced step in the development of band, after concert band or marching band, and will be the top group in the department. This class will include a shift from beginning concepts or marching concepts to a more concert-style sound, with more advanced musical concepts. Instruments include all wind instruments (woodwind/brass wind instruments), and the focus will remain on these instruments during this class. Students will study and play a variety of music, and will focus on musical theory concepts for better performance, including scales, tonality, musicality, and understanding rhythms and sight-reading. This group will perform at school concerts, community events, and at regional/state festivals. Students will be required to attend any extra rehearsals outside of class when needed to rehearse with students from the percussion class. As a performing ensemble, students in this ensemble will be expected to improve their playing ability, practice habits, and knowledge of musical concepts.

*School-owned woodwind and brass instruments are available for rental, while supply lasts. Students are responsible for purchasing their own accessories and necessary equipment for instruments through the band program (including reeds for woodwinds and valve oil for brass) and through the LHHS Band Boosters.

PERCUSSION 1-2**1.0 credit**

Prerequisite: A background of music, experience in band or choir is preferred, but not required.

This is a class for any students interested in learning percussion instruments that will be included in all Band of Knights performances. This class is essentially another section of the *Marching Band of Knights*, which is one of the most visible bands, performing at all home football games, parades, community functions, and field show competitions throughout Arizona. No prior experience is needed, and students will learn all the basic concepts necessary to succeed in Band of Knights functions.

Percussion instruments include all drums (timpani, snare, bass, etc.), mallet instruments (xylophones, marimbas, vibraphones), and auxiliary percussion (cymbals, hand drums, etc.). Percussion instrument players will focus on accompanying the marching band, learning basic musicianship and musical concepts, and studying and learning marching show music. They will also focus on learning basic percussive playing techniques and reading musical notation. Percussion students will also be performing in a winter concert.

Percussion students will focus on the fundamentals of marching and will acquire tools necessary for better performance. This class will require rehearsals outside of regular school hours.

FALL HOURS: This class will require rehearsals outside of regular school hours. Required rehearsals will be held on Tuesday night 4-8p.m. and after school sectionals on Thursdays from 3-5p.m. Band Camp, which is scheduled before the start of each academic school year, is also required. Weekly rehearsals will be considered as grades, and students CAN participate if band camp is missed, however will be considered as alternate until caught up.

SPRING HOURS: This class will focus on mainly accompanying the Wind Ensemble (see wind ensemble description), but will also be highlighted in various community events, and featured in a spring concert. Students will be required to attend any extra rehearsals outside of class when needed to rehearse with students from the Wind Ensemble class. As a performing ensemble, students in this ensemble will be expected to improve their playing ability, practice habits, and knowledge of musical concepts.

School-owned woodwind and brass instruments are available for rental, while supply lasts. Students are responsible for purchasing their own accessories and necessary equipment for instruments through the band program. [See fee page for rental fee.]

COLORGUARD 1-2

1.0 credit

Prerequisite: None

This is a class for any students interested in learning colorguard basics, techniques and routines that will be included in all Band of Knights performances. This class is essentially another section of **the Marching Band of Knights**, which is one of the most visible bands, performing at all home football games, parades, community functions, and field show competitions throughout Arizona. No prior experience is needed, and students will learn all the basic concepts necessary to succeed in Band of Knights functions.

Colorguard members will learn the basic concepts of marching music, basic colorguard vocabulary and flag-twirling techniques. They will be expected to learn and rehearse the routine needed for the marching band show, and will act as the 'face' or the 'colors' of the Marching Band of Knights through their use of flags, dance routines, and possible use of more advanced props, such as rifles, sabers, batons, etc. Colorguard students will also be performing their own routine for a winter concert and spring concert. Colorguard students will focus on the fundamentals of marching and will acquire tools necessary for better performance.

FALL HOURS: This class will require rehearsals outside of regular school hours. Required rehearsals will be held on Tuesday night 4-8p.m. and after school sectionals on Thursdays from 3-5p.m. Band Camp, which is scheduled before the start of each academic school year, is also required. Weekly rehearsals will be considered as grades, and students CAN participate if band camp is missed, however will be considered as alternate until they get caught up.

SPRING HOURS: This class may include after school sectionals on Thursdays from 3-5.

*School-owned flags are available for student use and students are responsible for purchasing their own accessories and necessary equipment for the season through the band program (including reeds for woodwinds and valve oil for brass).

JAZZ BAND 1-2

1.0 credit

Prerequisite: Audition only; Must have teacher approval due to limited instrumentation.

This is a performing band with an emphasis of jazz music. This can be taken after beginning band, orchestra, or percussion classes, but students must have approval by the director due to the limited instrumentation that jazz band requires. Jazz band will focus on basic/advanced jazz theory, a variety of jazz music, and musical concepts for better performance, including scales, tonality, musicality, and understanding rhythms and sight-reading. This group will perform at school concerts, events, and possibly at regional or state festivals. As a performing ensemble, students will be expected to improve their playing ability, practice habits, and knowledge of musical concepts.

School-owned woodwind and brass instruments are available for rental, while supply lasts. Students are responsible for purchasing their own accessories and necessary equipment for instruments through the band program (including reeds for woodwinds and valve oil for brass). [See fee page for rental fee.]

MARCHING BAND OF KNIGHTS (S1)

0.5 credit

Prerequisites:

- ❖ *Must have taken Beginning Band/Concert Band 1-2 or have experience in band. Must know how to play a band instrument and be able to read musical notation.*
- ❖ *If no experience, teacher approval is required.*

The *Band of Knights* performs at home football games, in parades, community functions, and field show competitions throughout Arizona. This class will include all students interested in being members of the Marching Band, specifically all wind players ('wind' instruments include woodwind and brass wind instruments). This class will focus on the fundamentals of marching concepts, musical concepts, and proper playing techniques for better performance. This band is one of the most visible of all bands and must always perform and act of the highest caliber.

HOURS: This class will require rehearsals outside of regular school hours. Required rehearsals will held on Tuesday night 4-8 p.m. and after school sectionals on Thursdays from 3-5 p.m. Band Camp, which is scheduled before the start of each academic school year, is also required. Weekly rehearsals will be considered as grades. Students can participate if band camp is missed; however, will be considered as an alternative until caught up.

School-owned woodwind and brass instruments are available for rental, while supply lasts. Students are responsible for purchasing their own accessories and necessary equipment for instruments through the band program (including reeds for woodwinds and valve oil for brass). [See fee page for rental fee.]

CONCERT CHOIR 1-2

1.0 credit

Prerequisite: None; Open to all

Fee: \$10.00

This male and female choir studies and performs a variety of choral literature, including current music. Students will study techniques in breath control, vocal placement and parts, voice projection, diction, and harmony. Also, students will learn the basics of music theory – notation within proper clefs, rhythmic values, major/minor tonalities, vocabulary, and sight-reading systems. **The choir performs at numerous programs throughout the school year.**

The course fee is used to purchase two pieces of music per student per year. The fee is also used to purchase replacement concert folders, headphones, instrument packs for recording and composition apps, etc.

KNIGHT VOICES 1-2 (Select Mixed Ensemble)

1.0 credit

Prerequisite: Director's approval by audition ONLY

Fee: \$10.00

This choir studies and performs a variety of repertoire from many musical eras, including current music. This course will provide an in-depth study of singing styles and technique. This group will emphasize concert presentation and stage deportment as well as performance show styles. Students will perform throughout the year for community outreach.

The course fee is used to purchase two pieces of music per student per year. The fee is also used to purchase replacement concert folders, headphones, instrument packs for recording and composition apps, etc.

GUITAR

0.5 credit

Prerequisite: Directors' Approval ONLY – Class size limited to 20 students

Fee: \$20.00

This one semester course is designed for students with no previous guitar experience. Students will receive instruction at a beginning level and will learn the skills and techniques required to become a successful guitarist. Areas of concentration include: correct posture, note reading, aural skills, flat picking, accompanying styles, rhythmic patterns, chord study, musical forms, improvisation, and performing skills.

The course fee is used for guitar rental fee and to purchase guitar strings and music book.

MUSIC THEORY

0.5 credit

Prerequisite: Choir, Band or Guitar at LHHS

Fee: \$10.00

The study of rhythms, intervals, phrases, melodies, chords and chord progressions, in the standard clefs through listening, playing, singing, and writing. Chord study includes primary and secondary triads in root position and inversions, non-harmonic tones and seventh chords. This course will fulfill the prerequisites for a semester-based upper level music theory courses (for college admissions).

The course fee is used to purchase music paper and book.

FIRE SERVICE

The **Fire Service** program focuses on the principles, theory and practices associated with the management of fire operations, firefighting services and community fire issues. The **Fire Service** program includes instruction in fire protection history and theory, incident command leadership, administration of public fire organizations, labor relations, emergency medical services management, fire emergency response strategies and mitigation, legal and regulatory responsibilities, budgeting, public relations and organizational leadership.

The **Fire Service** program is delivered as a coherent sequence of courses designed to offer students' knowledge and skills that meet the needs of the workplace. The Professional Skills developed by business and industry leaders across Arizona are integrated throughout the program. **Fire Service** students develop leadership, social, civic, and career skills through participation in the state recognized Career and Technical Student Organizations, SkillsUSA.

The **Fire Service** instructional program prepares students for entry level employment, further training, and/or post-secondary education for these and other occupations: Firefighter, Wildlife Firefighter, and EMT.

CTE INTRODUCTION TO FIRE SERVICE 12—

1.0 credit

Prerequisite: None

Fee: \$10.00

This is the introductory course for Fire Service. This course introduces students to careers in Fire Service and prepares students to apply academic, employability and technical knowledge and skills related to common industry standards and practices of Fire Service.

The course fee is used to purchase classroom supplies for specialized training.

SkillsUSA

CTE ADVANCED FIRE SERVICE 12—

1.0 credit

Prerequisite: Successful completion of CTE Introduction to Fire Service

Fee: \$10.00

This is the second course in the coherent sequence for Fire Service. This course prepares students to apply advanced academic and technical knowledge and skills in a variety of settings within Fire Service and prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of Fire Service.

The course fee is used to purchase classroom supplies for specialized training.

SkillsUSA

FOREIGN LANGUAGE

SPANISH 1-2

1.0 credit

Prerequisite: Spanish 2 requires a “D” or better in Spanish 1 to continue

In this course, the student attains an acceptable degree of proficiency in the four skill areas: listening, speaking, reading, and writing. This is done within the context of the Spanish-speaking world and its culture. The geography and culture of Mexico, Central America, and the Caribbean are studied. Daily homework assignments, in-class listening/speaking exercises, and the use of language materials reinforce the material presented in class. Frequent quizzes, several tests, and a comprehensive final exam evaluate the student’s mastery of the four skill areas.

SPANISH 3-4

1.0 credit

Prerequisite: Spanish 4 requires a “D” or better in Spanish 3 to continue

This level completes the basic grammar and vocabulary begun in Spanish 1-2. Oral proficiency tests are given each semester following a series of oral presentations. Writing and grammar skills are strengthened through weekly writing assignments and through journal entries made by the students. The geography and culture of South America and Spain are studied, and all language skills are refined. Students receive daily homework assignments and take frequent quizzes and tests. The comprehensive final exam focuses on the evaluation of all four language skills- listening, speaking, reading and writing.

SPANISH 3-4 (H)

1.0 credit

Prerequisite:

- ❖ *Please see Honors requirements on page 10.*
- ❖ *Spanish 4 (H) requires a “C” or better in Spanish 3 (H) to continue*

Students who have performed successfully in Spanish 1-2 Honors are recommended for Spanish 3-4 Honors. Students are expected to be self-motivated, willing to speak openly in class, and be thorough in their preparation. Reading, writing, speaking, and listening skills are improved through grammar and vocabulary study, reading selections, and audio/video materials. The course proceeds at a faster pace and with more material covered than in Spanish 3-4.

SPANISH 5-6 (H)

1.0 credit

Prerequisite:

- ❖ *Please see Honors requirements on page 10.*
- ❖ *Spanish 6 (H) requires a “C” or better in Spanish 5 (H) to continue*

This intermediate program strengthens the student’s command of spoken and written language while focusing on bringing students from the novice level of proficiency to the intermediate level. Students write and make presentations to the class. Use of audio and video materials allows students to hear and respond to real life situations. Students will also be introduced to the prose of recognized Spanish authors.

HEALTHCARE EDUCATION

INTRO TO HEALTHCARE

The Lake Havasu High School Healthcare Program is a comprehensive approach to teaching and learning the necessary skills to enter the healthcare community as a young adult. The program is designed to deliver a coherent sequence of courses including knowledge of medical terms, anatomy, physiology and pathology of disease. The Healthcare program prepares students to enter the workforce by integrating workplace employability skills, technical skills and work based learning. The program is rigorous in academics and students must maintain a **“C”-77% or higher to move on from second year dual enrollment** classes. The Healthcare Program opens up opportunities for students to participation in organizations such as Health Occupation Students of America (HOSA). HOSA is recommended as the state-recognized Career and Technical Organization (CTSO), which further prepares the students for a career in the healthcare field. Not only are students provided an opportunity to participate in CTSO clubs they also have the opportunity to pursue employable certificates and career pathways such as: CNA- Certified Nurse’s Assistant program, EMT- Emergency Medical Technician or Sports Injury Management which are concurrent classes offered through Arizona Western College and Mohave Community College. If accepted into these programs Western Arizona Vocation Education will help pay tuition for the college courses.

	<u>MCC</u>	<u>LHHS</u>
DE CTE HES 113 (H) - Medical Terminology (S1)	3.0 credit hrs	0.5 credit
DE CTE HES 129 (H) - Allied Health Anatomy and Physiology (S2)	3.0 credit hrs	0.5 credit
Prerequisites:		Fee: \$20.00
<ul style="list-style-type: none"> ❖ Please see Honors requirements on page 10. ❖ Students who have taken Allied Health Biology 1-2 will be given priority status; but students taking any Biology course would be eligible ❖ Junior or Senior ❖ Qualifying MCC ACCUPLACER score (Reading 240, Writing 240) by Spring Deadline ❖ Grade of C (77% or higher) to continue the following semester 		

This year-long course is for the student who is interested in a career in Allied Health (Sports Medicine, Dental Hygienist, Paramedic, Medical Assistant, Surgical Technologist, Lab Assistant, Pharmacy Technician, Medical Imagist, etc.). This course will present a study of basic medical terminology, human anatomy, the structure and function of the human body, and the study of blood-borne pathogens. The course will provide an opportunity for the student to apply academic and technical knowledge and skills related to common industry standards and practices of Allied Health Services and thus to develop employability in this field. Students can also participate in HOSA, a student organization that focuses on Allied Health careers and leadership development.

Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.

Health Careers Club *HOSA*

LAW AND PUBLIC SAFETY

The **Law and Public Safety** instructional program prepares students to perform technical services involved with planning, organizing, researching, directing and controlling functions and processes related to the provision of Law, Public Safety and Security services. An integrated approach to teaching and learning is provided as students develop interpersonal relations, career development skills and technical knowledge and skills associated with careers in this growing field. Students completing this program will be prepared to participate in teams, solve problems, think critically, and implement effective solutions. The program is designed and delivered as a coherent sequence of experiences using technical instruction, experiential learning, supervised occupational experience, and leadership and personal development through the Career and Technical Student Organization, SkillsUSA.

CTE FUNDAMENTALS OF LAW AND PUBLIC SAFETY 1-2**1.0 credit***Prerequisite: None***Fee: \$ 20.00**

This course introduces students to careers in Law and Public Safety and prepares students to apply academic and technical knowledge and skills related to common industry standards and practices.

Instruction will include:

- Analyzing the criminal justice system.
- Examining the process of forensic science.
- Learning investigative procedures.
- Working collaboratively in small and large groups.
- Examining the use of technology in law enforcement
- Application of constitutional law in law enforcement
- Learning effective communication, both verbal and non-verbal, as well written

SkillsUSA**CTE ADVANCED LAW AND PUBLIC SAFETY****1.0 credit***Prerequisite: CTE Fundamentals of Law and Public Safety with a Grade of “C” or better***Fee: \$20.00**

This course advances the knowledge and skills learned in the introductory course as students delve deeper into the technical knowledge and skills required for careers within the field of Law and Public Safety. Students will have the opportunity to participate in SkillsUSA.

Instruction will include:

- Examination of police qualifications and proficiency skills.
- Examination of issues related to personal and mental wellness.
- Analyze legal aspects of law enforcement.
- First Aid procedures.
- Explore private security.

SkillsUSA**CTE CRIMINAL LAW & PROCEDURES (S1)****0.5 credit***Prerequisite: None*

Criminal Law and Procedures courses provide students with knowledge and skills related to understanding criminal law, constitutional amendments, and due process. Course content may include specific types of crimes, such as vehicle crimes, personal crimes, cyber-crimes, drug crimes and crimes related to child pornography or pedophiles.

SkillsUSA* Knights in Blue**CTE CRIME SCENE MANAGEMENT (S2)****0.5 credit***Prerequisites:***Fee: \$20.00**

- ❖ Junior or Senior
- ❖ Introduction to Law & Public Safety, Advanced Law and Public Safety, and Criminal Law & Procedures

Crime Scene Management courses provide the skills and knowledge necessary for criminalistics – the securing, investigating, and processing of a crime scene. Topics may include, but are not limited to, evidence collection and preservation, finger printing, sketching, securing and photographing the crime scene, and chain of custody.

The course fee is used to purchase consumable supplies for evidence collection, etc.

SkillsUSA* Knights in Blue

MATHEMATICS

ALGEBRA 1-2

1.0 credit

This course meets entrance requirements of four-year colleges and universities. Throughout the course, emphasis is placed on reasoning, discovery, and justification of the algebraic process. Topics include algebraic expressions and equations, properties of real numbers, linear equations and functions, linear inequalities, systems of linear equations and inequalities, exponents and exponential functions, polynomials, factoring, rational expressions and equations, quadratic equations and functions, radicals, probability, and data analysis.

ESSENTIALS FOR ALGEBRA W/LAB 1-2

1.0 credit

This SRA curriculum is based on scripted lessons that present basic math skills that are organized into tracks. The tracks are used to connect math skills in order to increase student awareness of the connections in math. This class allows students to learn the prerequisite skills to be successful in Algebra 3-4 and Geometry. SRA Essentials for Algebra exposes students to fundamental algebra skills using a unique progression for introducing and expanding problem types. When a new skill or operation is introduced, it is presented in a highly structured, step-by-step manner. As students' progress from one lesson to the next, the students become more independent and less and less guidance is given by the teacher. Work on new skills and problems types develops in small increments from lesson to lesson allowing students to receive the practice needed to become skilled at solving complex problems independently.

The first twenty lessons focus on a thorough review of prerequisite skills of working with whole numbers, fractions, decimals, and percents that are necessary for the class. Following the review lessons, students will be prepared to begin the algebraic content of the course. Some of the topics and skills in the remaining 100 lessons will include: rate equations and various types of other algebraic equations, problem solving using algebra translation, signed numbers and the coordinate system, straight line equations, exponents, basic geometric formulas, the Pythagorean Theorem, similar triangles, and probability.

ALGEBRA 1-2 with LAB

*elective credit

1.0 credit

Prerequisite: Enrolled in Essentials for Algebra 1-2

The Algebra 1-2 math lab is for students who are enrolled in Algebra 1-2 and who would benefit from extra assistance with the algebra curriculum. This class will be taken for elective credit and will not count as a math credit toward graduation.

GEOMETRY 1-2

1.0 credit

This course provides a study of the nature of deductive reasoning; points, lines, and planes; rays and angles; congruent triangles; inequalities; parallel lines; quadrilaterals; transformations; area; similarity; the right triangle; circles; the concurrence theorems; regular polygons and the circle; geometric solids; non-Euclidean geometries; and coordinate geometry. The course meets college entrance requirements.

GEOMETRY 1-2 (H)

1.0 credit

Prerequisites:

- ❖ Please see Honors requirements on page 10.
- ❖ Must have a B or better to remain in class for second semester

This course will provide an in-depth study of Geometry. It is an honors class which helps to develop an awareness of space relationships between points, lines, and planes as well as an appreciation for the system itself. This course provides a study of the nature of deductive reasoning; points, lines, and planes; rays and angles; congruent triangles; inequalities; parallel lines; quadrilaterals; transformations; area; similarity; the right triangle; circles; the concurrence theorems; regular polygons and the circle; geometric solids; non-Euclidean geometries; and coordinate geometry. This course meets college entrance requirements.

ALGEBRA 3-4**1.0 credit**

This course is designed to broaden the concepts and skills discovered in Algebra 1-2. Included are the real number concepts and skills, introduction to complex numbers, polynomials and factoring, rational numbers and expressions, as well as concepts of relations and functions including irrational numbers and quadratic relations and systems. Basic counting principles, probability, data analysis, and sequences and series will also be studied, along with an introduction to trigonometric functions. This course meets college entrance requirements.

ALGEBRA LAB 3-4**1.0 credit**

Prerequisite: Enrolled in Algebra 3-4 w/lab

The Algebra 3-4 math lab is for students who are enrolled in Algebra 3-4 and who would benefit from extra assistance with the algebra curriculum. This class will be taken for elective credit and will not count as a math credit toward graduation.

ALGEBRA 3-4 (H)**1.0 credit**

Prerequisites:

- ❖ *Please see Honors requirements on page 01.*
- ❖ *Must have a B or better to remain in class for second semester*

This is an honors algebra program with rigorous training to prepare for Pre-calculus or Calculus. This course meets college entrance requirements. Challenging exercises are included. Topics include linear equations to systems, matrices, quad ration functions and factoring, polynomial rational, exponential, and logarithmic functions, trigonometry, sequences to series, counting methods to probability.

PRE-CALCULUS 1-2**1.0 credit**

Prerequisite: Algebra 3-4

Pre-calculus is a course designed to prepare students for calculus and to make them competitive college math students. Course topics include: trigonometric functions, trigonometric graphs, trigonometric identities, exponential functions, logarithmic functions, sequences, basic probability and statistics. This course meets college entrance requirements.

AP CALCULUS AB (H) 1-2**1.0 credit**

Prerequisites:

- ❖ *Please see Honors requirements on page 01.*
- ❖ *Must have a B or better to remain in class for second semester*

This course provides an in-depth study of limits, derivatives, integrals, and applications of each. Functions will be represented graphically, numerically, analytically and verbally, and the connections among these representations will be explored. **Students are REQUIRED to take the AP exam in May (fee is approximately \$94).**

MATH OF MONEY 1-2**1.0 credit**

DOES NOT QUALIFY FOR UNIVERSITY MATH REQUIREMENT!

Prerequisites:

- ❖ *Junior or Senior*
- ❖ *Two years of high school math*

This course is recommended for students who want to learn how to be financially successful. It includes a review of math skills for living in today's world and personal mathematics which includes gross and net income, checking accounts, savings accounts, cash purchases, charge accounts and credit cards, loans, automobile transportation, housing costs, insurance and investments, and record keeping; and business mathematics which includes personnel, production, purchasing, sales, marketing, warehousing and distribution, services, accounting, and financial records. The calculator and computer are used to teach personal business math skill.

MATH OF MONEY 1-2 (H)**1.0 credit****DOES NOT QUALIFY FOR UNIVERSITY MATH REQUIREMENT!****Prerequisites:**

- ❖ Junior or Senior;
- ❖ Please see Honors requirements on page 10.
- ❖ DE MAT 151 or 181 or 142 or 211 of C or higher; a B or higher in Pre-Calculus or Honors Algebra 3-4.

This class focuses on the student's role as a citizen, student, family member, consumer, and active participant in the business world. Students will investigate many important areas of interest that will enhance their financial security. Students will also better understand your own wants, needs, and values, and how these affect personal financial decisions. Understanding the concepts presented in this class will enable students to make wise decisions that will help their financial future and make them a more effective consumer.

- Over 50% of high school seniors are not prepared to handle their own finance when they graduate - this course will prepare you!
- Learn real life skills that one can implement today!
- Protect yourself and your financial future by learning about credit, taxes, banking, insurance, car loans, budgeting, and much more.

Possibly the most practical course to take in high school!

		<u>MCC</u>	<u>LHHS</u>
DE MAT 151 (H)	COLLEGE ALGEBRA (S1)	4.0 credit hrs	0.5 credit
DE MAT 181 (H)	PLANE TRIGONOMETRY (S2)	3.0 credit hrs	0.5 credit
Prerequisites:			
❖ Please see Honors requirements on page 10.			
❖ Junior or Senior			
❖ Qualifying MCC ACCUPLACER score (Reading 240, Writing 240, AAF 237) by Spring Deadline			
❖ Must receive a B or higher to continue the following semester			

Math 151 is a rigorous one-semester course in college algebra. Emphasis in this course is on functions and relations. Systems of equations, inequalities and matrices are also covered.

Math 181 is a one-semester college course providing a study of trigonometric functions and identities, inverse trigonometric functions, polar functions, polar equations, solutions of right and oblique triangles, and DeMoivre's Theorem.

Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.

Math 151 & Math 181 together replace Honors Pre-Calculus.

DE MAT 142 (H)	COLLEGE MATHEMATICS (S1)	MCC 3.0 credit hrs	LHHS 0.5 credit
Prerequisites:			
❖ Please see Honors requirements on page 10.			
❖ Junior or Senior			
❖ Qualifying MCC ACCUPLACER score (Reading 240, Writing 240, AAF 237) by Spring Deadline			
❖ Must receive a B or higher to continue the following semester			

Math 142 provides students a broad overview of mathematical topics, including critical thinking skills, geometry, personal finance, probability and statistics. This course emphasizes the basic concepts, language history of topics in mathematics that are not typically found in the traditional algebra sequence. This course satisfies the minimum competency requirement in mathematics and is recommended for those students majoring in the liberal arts, elementary education, and the social sciences whose major does not require College Algebra or Pre-calculus. This course is a writing across the curriculum course at MCC and will require a written term paper.

Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.

DE MAT 211 (H): INTRODUCTORY STATISTICS (S2)	MCC 3.0 credit hrs	LHHS 0.5 credit
Prerequisites:		
❖ Please see Honors requirements on page 10.		
❖ Junior or Senior		
❖ Math 142 or 151;		
❖ Qualifying MCC ACCUPLACER score (Reading 240, Writing 240, AAF 237) by Spring Deadline		
❖ Must receive a B or higher to continue the following semester		

Math 211 is a study of the basic concepts and techniques of statistics, including frequency distribution, measures of central tendency, measure of dispersion, correlation, regression, and statistical decision-making.

PHYSICAL EDUCATION

FOUNDATIONS OF PHYSICAL EDUCATION AND HEALTH FOR BOYS 1-2	1.0 credit
<i>This class is required to fulfill the Physical Education requirement for graduation.</i>	

This is an introductory course which provides an overview and fundamental skills for leisure and lifetime sports and activities. Examples of some activities are basketball, soccer, volleyball, badminton, team handball, recreational football, and paddle games. Emphasis is also on learning HOW to be fit and staying fit for life. Classroom instruction includes topics stressing the 5 health components and principles of fitness. Improving students' fitness will be stressed by daily exercises. The class includes written and skill tests and periodic fitness assessments. Active participation is **required**. This is a full year course.

FOUNDATIONS OF PHYSICAL EDUCATION AND HEALTH FOR GIRLS 1-2	1.0 credit
<i>This class is required to fulfill the Physical Education requirement for graduation.</i>	

This is an introductory course which provides an overview and fundamental skills for leisure and lifetime sports and activities. Examples of some activities are basketball, volleyball, softball, recreational football, paddle games, trekking, tinikling and archery. Emphasis is also on learning HOW to be fit and staying fit for life. Classroom instruction includes a physical education and health textbook with topics stressing the 5 health components. Improving students' fitness will be stressed by daily exercises. The class includes written and skill tests and periodic fitness assessments. Active participation is **required**. This is a full year course.

BOYS' TEAM SPORTS 1-2**0.5 credit/sem**

Prerequisite: Foundations of Physical Education for Boys 1-2 (Freshman PE)

Activities selected will vary with available facilities and interests and abilities of students. Activities will be chosen from the following: badminton, fitness, flag football, paddle tennis, recreational games, soccer, softball, speed ball, team handball, and tennis. Advanced instruction in the fundamentals of each activity will be given with drills prior to competition. May be repeated for 0.5 credit every semester.

BOYS' WEIGHT TRAINING 1-2**0.5 credit/sem**

Prerequisite: Foundations of Physical Education for Boys 1-2 (Freshman PE)

Beginning weight training includes two areas of fitness: weight training and aerobic conditioning. Weight training provides general muscular strength and tone through progressive and systematic methods three days per week. May be repeated for 0.5 credit every semester.

GIRLS' LIFETIME FITNESS**0.5 credit/sem**

Prerequisite: Foundations of Physical Education for Girls 1-2 (Freshman PE)

Students will participate in a variety of promote the development of health and wellness over a life span. Activities will include recreational sports, cardiovascular and muscular endurance workouts, as well as strength training and yoga. Students will also acquire knowledge on nutrition, weight management and stress management. This class may be repeated every semester for credit.

*(replaces Girls' Aerobics & Fitness 1-2 **and** Girls' Team Sports 1-2)

GIRLS' WEIGHT TRAINING, TONING AND FITNESS 1-2**0.5 credit/sem**

Prerequisite: Foundations of Physical Education for Girls 1-2 (Freshmen PE)

Tired of trying to get to the gym after school and work? Then this class is for you - the fitness enthusiast who wants variety in her training program. Learn about your "body type" and fitness and nutrition concepts. The format of this class includes weight training, power walking (trekking), jogging, toning, circuit training and class discussions. This class is a fun way to get the most out of your workout while incorporating it into your school hours. May be repeated for 0.5 credit every semester.

INTRODUCTION TO SPORTS FITNESS 1-2**0.5 credit/sem**

Prerequisites:

- ❖ *SUMMER LIFTING PROGRAM COMPLETED OR COACH'S APPROVAL*
- ❖ *This class is an elective for 9th graders and will NOT take the place of Freshman PE*

This class is for the FRESHMAN ATHLETE who wants to learn and develop: speed, agility, balance, power, strength and explosiveness. **Students must have been on a middle school team or be recommended by a coach.** Four core lifts are emphasized with plyometrics, balance drills, agility drills, and speed drills. Core training is emphasized when doing all lifts. Students are in the weight room 3 or 4 days per week. Nutrition for the athlete is also discussed. Students will receive 0.5 credit for each semester.

ADVANCED SPORTS FITNESS 1-2**0.5 credit/sem**

Prerequisite: Freshman PE; 10th-12th; Instructor's Approval

This class is for the JV or Varsity ATHLETE who wants to increase speed, agility, balance, power, strength and explosiveness. **Students must be a current member of an LHHS team or be recommended by an LHHS coach.** Four core lifts are emphasized with plyometrics, balance drills, agility drills, and speed drills. Core training is emphasized when doing all lifts. Students are in the weight room 3 or 4 days per week. Nutrition for the athlete is also discussed. May be repeated for 0.5 credit every semester.

SCIENCE

INTEGRATED SCIENCE 1-2*

1.0 credit

Prerequisite: Placement based on 8th grade performance and teacher recommendation

This is a basic science course that does NOT meet college entrance requirements as a lab science. The specific content of Integrated Science courses varies, but they draw upon the principles of several scientific specialties- earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty to investigate applications of the theme. Concepts explored in the course develop foundational knowledge that ensures success in subsequent high school science classes.

*(replaces Life Science 1-2)

BIOLOGY 1-2

1.0 credit

Prerequisite: Freshman or Sophomore with successful completion of 8th grade science or Integrated Science with a D or better

Fee: \$5.00

This is an introductory laboratory survey course in biology, satisfying college entrance requirements. Emphasis is on fundamental principles governing living things, their function and origin. This is a lab-oriented class. Major topics include: biochemistry, cellular biology, molecular and Mendelian genetics, biodiversity, evolution, and ecology. Emphasis is on fundamental principles governing living things, their function and origin. Continuity and diversity of living forms are also studied.

The course fee is used to purchase lab equipment (microscopes, slides, beakers, test tubes, petri dishes), chemicals, specimens, equipment servicing, and consumables.

BIOLOGY 1-2 (HONORS)

1.0 credit

Prerequisites:

Fee: \$10.00

- ❖ Please see Honors requirements on page 10.
- ❖ Freshman placement determined by school staff.

Honors Biology is designed for students who have excellent reading, comprehension, and study skills. The pace in the course is rapid, and critical thinking is stressed. Students are expected to maintain a grade of “B” or better throughout the year. This is a lab-oriented class. Major topics include: biochemistry, cellular biology, molecular and Mendelian genetics, biodiversity, evolution, and ecology. Emphasis is on fundamental principles governing living things, their function and origin. Continuity and diversity of living forms are also studied. This course meets University Lab Science requirement.

The course fee is used to purchase lab equipment (microscopes, slides, beakers, test tubes, petri dishes), chemicals, specimens, equipment servicing, and consumables.

CTE ALLIED HEALTH BIOLOGY 1-2

1.0 credit

Prerequisite: Freshman placement determined by school staff.

Fee: \$5.00

This is an introductory laboratory survey course in biology, satisfying college entrance requirements. Emphasis is on fundamental principles governing living things, their function and origin, and principles of health and human body. This class will also on workplace employability skills integrating Health Occupation Students of America best practices and standards. Laboratory experiments are an integral part of the course, with emphasis on anatomy and the biotic environment. This class meets the requirements of a lab science for college or a university.

The course fee is used to purchase specimens, microscope servicing, chemicals, petri dishes, microscope slides, pipettes, and lab equipment.

Allied Health Biology is an option for students interested in the Healthcare field and may be taken instead of general Biology.

CTE ALLIED HEALTH-BIOLOGY 1-2 (HONORS)**1.0 credit****Prerequisites:****Fee: \$20.00**

- ❖ Please see Honors requirements on page 10.
- ❖ Freshman placement determined by school staff.

This is an introductory laboratory survey course in biology, satisfying college entrance requirements. This Honors Allied Health Biology course shares a common curriculum with Allied Health Biology with a more rigorous approach to the content. The course will emphasize more in-depth coverage of topics, application of more advanced mathematical analysis, higher-level readings, increased use and application of technology with more student independence and responsibility. Emphasis is on fundamental principles governing living things, their function and origin, and principles of health and human body. This class will emphasize employability skills integrating Health Occupation Students of America best practices and standards. Being an honors level course and is intended to develop study skills, habits of mind, and concepts students will need to be successful for college and careers.

The course fee is used to purchase lab equipment (microscopes, slides, beakers, test tubes, petri dishes), chemicals, specimens, equipment servicing, and consumables.

Health Careers Club *HOSA*

CONCEPTUAL CHEMISTRY 1-2****1.0 credit**

Prerequisite: *Sophomores or Juniors with successful completion of Biology with a D or better but have not passed Algebra 1-2.*

This basic science course does NOT meet college entrance requirements as a lab science. Conceptual Chemistry is a practical, nonquantitative chemistry course designed for students who desire an understanding of chemical concepts and applications. This course covers the primary aspects of chemistry, including the makeup of the physical world, from the properties and structures of matter to the laws explaining the activity of gases and the chemical structures of elements, molecules and compounds.

**(replaces Physical Science 1-2)

CHEMISTRY 1-2**1.0 credit****Prerequisites:****Fee: \$15.00**

- ❖ *Sophomore or Junior with successful completion of Biology 1-2 with a D or better.*
- ❖ *Successful completion of Algebra 1-2, or equivalent, with a C or higher*

Chemistry is the study of matter and the changes it undergoes. Chemistry 1-2 is a flipped classroom approach to learning chemistry with a strong emphasis on problem solving skills. Major topics covered will include chemical bonding, the periodic table, quantum theory, chemical reactions, nuclear reactions, solutions, acid and bases, gas laws, and stoichiometry (chemical calculations). This course meets the requirements of a college or university.

The course fee is used to purchase lab equipment (beakers, graduated cylinders, test tubes, hotplates, balances, pipettes, Bunsen burners, funnels, Erlenmeyer flasks, well plates, etc.), chemicals, gloves, goggles, equipment servicing, and consumables.

CHEMISTRY 1-2 (HONORS)**1.0 credit****Prerequisites:****Fee: \$20.00**

- ❖ Please see Honors requirements on page 10.
- ❖ *Sophomore with successful completion of Biology 1-2 (or honors) **and** Algebra 1-2 with a 3.5 GPA or higher*
- ❖ *Concurrent enrollment in Algebra 3-4*

Honors Chemistry 1-2 is a **rigorous flipped classroom** approach to chemistry with a strong emphasis on math skills. Major topics covered will include chemical bonding, the periodic table, quantum theory, chemical reactions, nuclear reactions, stoichiometry, solutions, acids and bases, gas laws, thermochemistry, kinetics and equilibrium, and other advanced chemical calculations. This course meets the requirements of a lab science for college or university.

The course fee is used to purchase lab equipment (beakers, graduated cylinders, test tubes, hotplates, balances, pipettes, Bunsen burners, funnels, Erlenmeyer flasks, well plates, etc.), chemicals, gloves, goggles, equipment servicing, and consumables.

ANATOMY 1-2

1.0 credit

Prerequisite: Junior or Senior with successful completion of Biology and Chemistry with a C or better or teacher approval.

Fee: \$25.00

Anatomy introduces anatomical terminology, structure, function, and physiological processes related to the human body. The integumentary, skeletal, muscular, cardiovascular, lymphatic, nervous, endocrine, respiratory, digestive and reproductive systems are studied. Laboratory dissections related to body systems are an integral part of this course. Considerable lab time will be spent on dissection. This class meets the requirements of a lab science for college entrance.

The course fee is used to purchase gloves, specimens, scalpels, probes, biological cleaner for dissection trays, and consumables.

ADVANCED ANATOMY (H) 1-2

1.0 credit

Prerequisites:

Fee: \$40.00

- ❖ *Please see Honors requirements on page 10.*
- ❖ *Junior or Senior with successful completion of Chemistry 1-2 (or Honors) and Biology 1-2 (or honors) with a GPA of 3.5 or better.*

This course prepares students in the study of human anatomy and physiology using a body system approach with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. Topics covered include: basic anatomical and directional terminology; fundamental concepts and principles of cell biology; histology; the integumentary, skeletal, muscular and nervous systems; the special senses, the endocrine system, the cardiovascular system, the lymphatic system and immunity, the respiratory system, the gastrointestinal system, the urinary system, fluid/electrolyte and acid/base balance, and an introduction to the reproductive system.

AP BIOLOGY 1-2 (H)

1.0 credit

Prerequisites:

Fee: \$40.00

- ❖ *Please see Honors requirements on page 10.*
- ❖ *Junior or Senior with successful completion of Biology 1-2 (or honors) and Chemistry 1-2 (or honors) with a B or better.*

This course is designed to offer students a solid foundation in college level introductory biology. This course will provide the conceptual framework, factual knowledge, analytical skills, and laboratory experiences to prepare students for the Biology College Board Advanced Placement Exam. The College Board has organized the AP Biology course around the Curriculum Framework which is broken into eight units: Chemistry of Life, Cellular Structure & Function, Cellular Energetics, Cell Communication & Cell Cycle, Heredity, Gene Expression & Regulation, Natural Selection, and Ecology. **Students are REQUIRED to take the AP exam in May (fee is approximately \$94).**

AP ADV. CHEMISTRY 1-2 (H)

1.0 credit

Prerequisite:

Fee: \$30.00

- ❖ *Please see Honors requirements on page 10.*
- ❖ *Junior or Senior with a grade of "B" or better in Chemistry 1-2 (or honors).*

AP Chemistry is equivalent to a college level general chemistry course that provides rigorous study in four major areas: structure of matter, states of matter, reaction and descriptive chemistry. Students must be highly motivated to tackle this rigorous course. Students taking this course may be required to complete laboratory work outside of the regular class time. The student will demonstrate a basic understanding of, and the ability to apply, mathematical solutions to problems involving atomic theory and structures, chemical bonding, nuclear chemistry, kinetic theory, solutions, reaction types, stoichiometry, equilibrium, kinetic, thermodynamics, and descriptive chemistry. **Students are REQUIRED to take the AP exam in May (fee is approximately \$94).**

The course fee is used to purchase Flinn scientific required AP lab kits, chemicals, glassware (beakers, graduated cylinders, test tubes, hotplates, balances, pipettes, Bunsen burners, funnels, Erlenmeyer flasks, wellplates, etc.), and consumables.

EARTH SCIENCE 1-2

1.0 credit

*Prerequisite: Junior or Senior; Successful completion of Biology 1-2 **and** any level of Chemistry with a D or better.*

Fee: \$5.00

This class is a hands-on course which examines the minerals making up our world, the ways that the earth changes and a sense of the earth's past and present. This course also covers the history, origins, and makeup of the universe. This class meets the requirements of a lab science for college or university.

The course fee is used to purchase lab equipment, minerals sets, rock samples, and consumables.

EARTH SCIENCE 1-2 (H)

1.0 credit

Prerequisites:

Fee: \$10.00

- ❖ *Please see Honors requirements*
- ❖ *Junior or Senior; Successful completion of Biology 1-2 **and** any level of with a C or higher.*

Honors Earth Science is designed for students who have excellent reading, comprehension, and study skills. The pace of this course is rapid, and critical thinking is stressed. Students are expected to maintain a grade of "B" or better throughout the year. Earth Science is a lab-oriented course that investigates geological, astronomical, meteorological, and oceanographic processes, and how they relate to each other. Content covers history and origins of the universe, solar system, as well as how the Earth has changed throughout time. This class meets the requirements of a lab science for college or university.

The course fee is used to purchase lab equipment, rock/minerals, and consumables.

AP ENVIRONMENTAL SCIENCE 1-2 (H)

1.0 credit

Prerequisite:

Fee: \$20.00

- ❖ *Please see Honors requirements on page 10.*
- ❖ *Junior or Senior with successful completion of Biology 1-2 (or honors), Chemistry 1-2 (or honors), Algebra 1-2 and Geometry 1-2 (or honors) with B or better.*

AP Environmental Science courses are designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems. **Students are REQUIRED to take the AP exam in May (fee is approximately \$94).**

The course fee is used to purchase lab supplies.

*STEM Club – Optional science club

ECOLOGY/ENVIRONMENTAL SCIENCE 1-2

1.0 credit

*Prerequisite: Junior or Senior with successful completion of Biology 1-2 **and** any level of Chemistry with a D or better.*

Fee: \$5.00

Students participating in this course will study the physical and living environments. Students will place themselves, local, regional, state, and national ecological issues and their importance to the greater sphere of the earth and its sustainability. Students will demonstrate understanding of key questions of ecology through individual and team

efforts through art, writing, reading, technology, and research in the classroom and in the lab. Students will also relate ecological concepts to wildlife and environmental issues facing our society. This course is an excellent option for students interested in the pursuit of a college major related to environmental science. This class meets the requirements of a lab science for college entrance.

The course fee is used to purchase lab kits and materials, and consumables.

AP Physics 1-2 (H)

1.0 credit

Prerequisites:

Fee: \$20.00

- Please see Honors requirements on page 10.
- Junior or Senior with successful completion of Chemistry 1-2 (or honors) with a B or higher
- Concurrent enrollment in Algebra 3-4

AP Physics is equivalent to a college level general physics course that provides rigorous study in four major areas: kinematics, energy, waves and electricity. The student will demonstrate a basic understanding of, and the ability to apply mathematical solutions to problems involving motion, forces, thermodynamics, light and sound, circuits, and magnetism. **Students are REQUIRED to take the AP exam in May (fee is approximately \$94).**

The course fee is used to purchase and maintain equipment for student labs and AP test preparation.

SOCIAL AND HUMAN SERVICES

EARLY CHILDHOOD

INTRODUCTION TO EARLY CHILDHOOD EDUCATION 1-2

1.0 credit

Prerequisite:

Fee: \$20.00

- ❖ An application and proof of TB skin test must be submitted to enroll in the class.
- ❖ Priority will be given to sophomore students followed by juniors and seniors.
- ❖ This course will serve as a preparatory course for Advanced A CDA courses.

This year long course will open the door to careers in the early childhood education field. Students will gain practical experience by assisting in the operation of a preschool during selected lab times. The classroom lessons and lab experiences will teach practical ways to guide children through a variety of daily experiences in safe, fun and educational ways. Curriculum will follow the Child Development Associate Credentialing process and students will complete the following components: Safety, Health and Nutrition; Learning Environments in Early Childhood; Principles of Child Development and Curriculum; Intellectual Development, and Social, Emotional and Self-concept Development. The professional resource file will be introduced as students collect and organize data, complete activities, and provide evidence of learning. Students will be given the opportunity to participate in FCCLA.

The course fee is used to purchase preschool t-shirt, supplies needed for the Child Development Associate Credential (CDA) and binder, consumables and supplies for all lessons and projects taught.

Students are required to submit proof of T.B. skin test or obtain testing prior to registration.

FCCLA *Little Knights*

ADV. (A) EARLY CHILDHOOD EDUCATION 1- 2**1.0 credit**

Prerequisite: Successful completion of Introduction to Early Childhood Education and permission from the instructor.

Fee: \$20.00

This year long course continues the preschool lab experience and incorporates advanced practical skills. Students will be primarily responsible for writing and delivering lessons plans in the preschool lab and building their Resource File. Students will also complete curriculum that will allow them to be eligible for the Child Development Associate certification. Curriculum will follow the Child Development Associate Credentialing process and students will further develop the following components: Safety, Health and Nutrition; Learning Environments in Early Childhood; Principles of Child Development and Curriculum; Intellectual Development, and Social, Emotional and Self-concept Development. New competency goals will be taught: To establish positive and productive relationships with families, to ensure a well-run and purposeful program responsive to participant needs, and to maintain a commitment to professionalism. Students will complete the CTE Early Childhood Assessment tool and have the opportunity to earn a certificate of competency from the Arizona Department of Education. Upon completion of this course, students will be eligible to continue the CDA process and enroll in Advanced B early childhood education and complete the last of the requirements for CDA.

The course fee is used to purchase preschool t-shirt, supplies needed for the Child Development Associate Credential (CDA) and binder, consumables and supplies for all lessons and projects taught.

FCCLA *Little Knights*

CHILD DEVELOPMENT ASSOCIATE (CDA) 1- 2**1.0 credit**

Prerequisites:

Fee: \$30.00

- ❖ *Successful completion of Advanced (A) Early Childhood Education*
- ❖ *Permission from the instructor*

CHILD DEVELOPMENT ASSOCIATE (CDA) 3- 4**1.0 credit**

Prerequisites:

Fee: \$20.00

- ❖ *Successful completion of CDA 1-2*
- ❖ *Permission from the instructor*

This course continues the preschool lab experience and incorporates advanced practical skills. Students will be responsible for parent and community communications. Research and presentation skills will be instructed. These students will be involved with advanced units and projects that can be used in the lab with the preschool children. Students will continue to develop lesson plans around thematic instruction and curriculum and integrate AZ Early Learning Standards. Students will also complete the CDA course work and prepare for the final assessment and exit interview. Students will be given the opportunity to participate in FCCLA.

The course fee is used to purchase preschool t-shirt, supplies needed for the Child Development Associate Credential (CDA) and binder, consumables and supplies for all lessons and projects taught.

FCCLA *Little Knights*

FASHION DESIGN**CTE INTRODUCTION TO FASHION DESIGN 1-2****1.0 credit**

Prerequisite: Application

Fee: \$20.00

This year-long course is designed to introduce students to the world of fashion design and merchandising while providing the opportunity to learn the life skill of sewing as well as an opportunity to create their own fashion style. Students will examine the principles and elements of design, evaluate fabric characteristics and construction methods as well as explore traditional, non-traditional, and entrepreneurial careers in fashion design and merchandising. Students will have the opportunity to participate in the high school fashion show and are encouraged to join FCCLA.

The course fee is used to purchase patterns, fabrics, and notions for student projects.

FCCLA

CTE ADVANCED (A) FASHION DESIGN 1-2**1.0 credit***Prerequisite: Intro to Fashion Design with grade of "B" or better and Teacher Approval***Fee: \$30.00**

This year-long course is designed to provide further study and practice to effectively prepare students with the knowledge, skills, attitudes, and behaviors needed to successfully enter the fashion job market or to transition to postsecondary education. Students will continue applying their Design and Merchandising skills with an emphasis on the Design and Merchandising business, marketing, and understanding the operations of retail. Students will have the opportunity to participate in a fashion show and are encouraged to join FCCLA.

The course fee is used to purchase fabric and supplies for student garments.

FCCLA**CTE ADVANCED (B) FASHION DESIGN 1-2****1.0 credit***Prerequisite: Advanced (A) Fashion Design with grade of "B" or better and Teacher Approval***Fee: \$30.00**

This year-long course continues the Design and Merchandising skills adding the art of draping and tailoring skills. There will be an emphasis on teamwork, presentation skills and visual marketing. Students will have the opportunity to participate in a fashion show and are encouraged to join FCCLA.

The course fee is used to purchase fabric and supplies for student garments.

ELECTIVE

CTE NUTRITION AND WELLNESS FOR LIFE**0.5 credit***Prerequisite: Priority will be given to students who are currently enrolled or have completed Allied Health Biology***Fee: \$15.00**

Currently, Nutrition and Wellness is one of as the hottest topics in the health care industry and society in general. This semester course stresses the importance of healthful eating across the lifespan. Students will explore how decisions affect wellness at various stages of life, learn the body's need for various nutrients, nutrition's connection to disease, and eating for sports performance. The class will feature lab experiences to learn how to handle food safely, plan and the preparation of nourishing meals, and making healthy food choices. Whether you are preparing for a career in the field of Dietetics and Human Nutrition or interested in nutrition for personal enrichment you will enjoy the diverse topics offered. Students will have the opportunity to participate in FCCLA.

The course fee is used to purchase food supplies for various food science and nutrition labs.

EDUCATION PROFESSIONS

The Education Professions program is designed to prepare students for employment and/or postsecondary opportunities in the education field. The program provides instruction in education career choices, education structure and systems, theory, pedagogy, developmental stages, learning styles and methodology. The program also provides interactive experiences with students at different age levels, in a variety of content areas in educational environments. Education Professions is designed to articulate with the Introduction to Education courses at the community college and Para-professional preparation programs. In addition to technical skills, students completing this program will develop advanced critical thinking skills, enhanced academic skills, develop civic responsibility, comprehend the stages of human development and their impact on learning in the classroom, identify instructional methods for student learning, examine and understand the role of the education industry as a consumer and the economy, and develop employability and leadership skills. The program utilizes a delivery system made up of four integral parts: formal/technical instruction, experiential/service-learning, supervised work-based learning and the student organization, Educators Rising.

CTE INTRODUCTION TO EDUCATION PROFESSIONS 1-2**1.0 credit***Prerequisite: Juniors/Seniors; Sophomore (if space if available)*

This course provides students with instruction in education career choices, history and structure of the education systems in the United States, legal and ethical responsibility of educators. It provides instruction in developmental stages of children, education theory, pedagogy and methodology. Observation and interactive field experience will be included as a significant part of this course. Attendance is vital for continuation in the course.

Because this course provides students with the opportunity to work with a teacher in a classroom, **attendance is extremely important**. Students with excessive absences will be removed from the class at semester.

Education Professions courses include:

- Membership in Educators Rising
- Attendance at fall leadership conference and state conference
- Observations at pre-school, elementary, middle, high, and special education locations
- 7-week field experience (Students will be at placement school four days a week (8 – 8:40); meet at LHHS one day a week)
- Opportunity to participate in Educators Rising competitions at state conference
- With qualification, opportunity to attend national conference and earn scholarships
- Leadership opportunities
- Opportunity to explore the field before committing

Educators Rising

CTE ADVANCED EDUCATION PROFESSIONS 1-2**1.0 credit***Prerequisite: Junior; Successful completion of Introduction to Education Professions*

This course prepares students to work in an educational environment. The course will expound on learning styles, interactions with students, use of equipment and resources, analyze the impact of classroom management and discipline strategies on student learning, methodology both in preparation and presentation in the classroom as a workplace, and identify instructional methods for student learning.

Educators Rising

SOCIAL STUDIES

WORLD HISTORY & GEOGRAPHY 1-2**1.0 credit***Prerequisite: Sophomore*

World History is designed to examine countries and areas of the world, tracing their history from the beginning through the 20th century. It deals with events that have most significantly affected man's life on earth, with emphasis on people and the roles they have played in their country's history. It also develops an understanding of the U.S. role in world affairs. Geography seeks to expand students' knowledge of the global locations, culture, political significance and economic base of other countries.

WORLD HISTORY & GEOGRAPHY 1-2 (HONORS)**1.0 credit***Prerequisite: Please see Honors requirements on page 10.*

Honors World History is a year-long course that is meant to be the equivalent of a freshman college course and can earn students college credit. This course covers the history of the world from approximately 1000 BCE to the present. The students in this course are expected to do a considerable amount of reading in both the major text and in supplementary sources. Evidence of this reading is shown in class discussion, questions asked of the instructor, answers to the instructor's questions, and unit tests which consist of objective and essay-type questions. This course is also designed to continue the development of historical research and writing skills.

U.S./AZ HISTORY 1-2**1.0 credit***Prerequisite: Junior or Senior*

This course is a survey of the events, issues, and personalities which shaped the history of the United States and Arizona from the earliest American civilizations to the present day. The study of American History helps students analyze our national experience through time, to identify and recognize the relationships of events and people in Arizona and American History. Students will also interpret themes, beliefs, ideas, and turning points that are found throughout history.

Students who complete U.S. History in another state will be assigned an independent study course to fulfill the state standards in Arizona history. First semester will cover earliest American civilizations to the turn of the 20th century; second semester will cover the turn of the 20th century to the present day.

DE HONORS U.S./AZ HISTORY 131-132**MCC****LHHS****History of the United States I and II****6.0 credit hrs****1.0 credit***Prerequisites:*

- ❖ *Please see Honors requirements on page 10.*
- ❖ *Junior or Senior*
- ❖ *Qualifying MCC ACCUPLACER score (Reading 240, Writing 240) by Spring Deadline*
- ❖ *Must receive a C or higher to continue the following semester*

This is a year-long course designed to provide students with the analytical skills and knowledge necessary to deal critically with United States history. The approach to the course includes, but is not limited to, the following elements: development of substantial knowledge of social, cultural, political, economic, and military events relevant to the history of the United States; the development of assessment and interpretative skills; the development of “map skills” and the development of communicative skills through the writing of coherent, analytical essays using primary source documents.

Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.

CIVICS/AZ GOVERNMENT**0.5 credit***Prerequisite: Senior*

Civics is education for responsible citizenship. As such, it provides a comprehensive study of the foundations, principles, purposes, structure and operation of the U.S. Government.

ECONOMICS**0.5 credit***Prerequisite: Senior*

Economics provides a comprehensive study of the principles, objectives and operation of the American economic system. It is designed to give students better understanding of current economic problems while helping them gain skills needed to be effective consumers and workers in the American enterprise system.

CIVICS/AZ GOVERNMENT (HONORS) (S1)**0.5 credit***Prerequisite: Senior; Please see Honors requirements on page 10.*

This course studies the United States Constitution, political parties and elections, pressure groups, Congress, the President, bureaucracy, courts, civil rights, liberties, and foreign affairs. In addition, students will participate in the *We the People* Congressional hearing in December. Students who enroll in Civics/AZ Government must also enroll in Economics (Honors) in the spring. Students who participate in *We the People* during fall semester must also be available for state competition in January and thus must be enrolled in Economics (Honors) second semester.

ECONOMICS (HONORS) (S2)**0.5 credit***Prerequisite: Senior; Please see Honors requirements on page 10.*

This course is an introduction to scarcity and the free market system, supply and demand, the national and state banking systems, and the U.S. economy. Micro economics will examine production, consumption, and distribution decisions along with their social consequences. Students will also examine principles of macro-economics, including monetary and fiscal policy and international economics. Students who enroll Civics/AZ Government must also enroll in Economics (Honors).

AP (H) PSYCHOLOGY 1-2**1.0 credit***Prerequisite: Junior or Senior; Please see Honors requirements on page 10.*

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. **Students are REQUIRED to take the AP exam in May (fee is approximately \$94).**

CRIMINAL JUSTICE**0.5 credit***Prerequisite: Junior or Senior*

This elective course is designed as an elective course which supplements pre-existing social studies courses. It includes provisions for both the historical and philosophical examination of the criminal justice system as created by the U.S. Constitution, as well as identifying and defining current criminal justice issues. This is an interactive course in which students will research legal issues as well as participating in a simulated trial.

PSYCHOLOGY**0.5 credit***Prerequisite: Junior or Senior*

This elective class is designed to help students understand psychology as a scientific discipline. Topics to be studied in this class include: psychological methods, how behavior develops, heredity and environment, measuring personality, studying emotions, motivation, sensation and perception.

SOCIOLOGY**0.5 credit***Prerequisite: Junior or Senior*

Sociology concentrates on the social dynamics of group life. This elective course is an introductory analysis of group life including: socialization, primary relations, social stratification, associations, collective behavior, population, the family, religion, education, race relations, delinquency, the city, industrialization and political systems. The methods and findings in this course will give the student insight into the meaning of everyday experience. Sociology makes a practice of questioning what most people take for granted.

WORLD GEOGRAPHY**0.5 credit***Prerequisite: Freshman or Sophomore*

The World Geography course provides students with an overview of world geography, and will follow the high school Geography standards. The geography standards promote the use of multiple geographic tools and emphasize geographic reasoning to understand local, national, regional, and global issues. Geographic reasoning rests on deep knowledge of the Earth's physical and human features including the location of places and regions, the distribution of landforms and bodies of water, and changes in political boundaries. Geography provides an understanding of the Earth's places and regions, how people with diverse backgrounds interact with their environment and enhances understanding of history, civics, and economics.

WORLD ISSUES

0.5 credit

Prerequisite: Sophomore, Junior, or Senior

World Issues is a one-semester elective focusing on the physical, cultural and political landscape of the regions of the world. Topics will include global awareness, trade, war and conflict, economic development and foreign aid, environment, technology, health and education, and human rights issues around the world.

INTERNSHIPS

CTE INTERNSHIP- MUSIC AND AUDIO TECHNOLOGY

(paid or unpaid)

0.5 credit

Prerequisites:

- ❖ *Junior or Senior (minimum age 16)*
- ❖ *Must be CTE student with a "C" or better (or currently enrolled in the following CTE program: Music & Audio Technology)*

Students will receive ½ credit for working in a CTE internship for 120 hours per semester. This averages out to 7 hours per week over an 18-week semester. These students must be working in an area of Music & Audio Technology. Assignments may be paid or unpaid. In some instances, business/sponsors may work with students for a trial period (unpaid) and then choose to compensate students after verifying a good workplace match. Students will be monitored by their CTE program instructor and, also, receive support from the on-campus Career Center. This is an excellent opportunity for students seeking volunteerism, as well as, students looking to find a strong entry-level match in an area of study they enjoy.

Internship is NOT part of mandatory school day.

CTE INTERNSHIP- DIGITAL COMMUNICATIONS

(paid or unpaid)

0.5 credit

Prerequisites:

- ❖ *Junior or Senior (minimum age 16)*
- ❖ *Must be CTE student with a "C" or better or currently be enrolled in the Journalism program*

Students will receive ½ credit for working in a CTE internship for 120 hours per semester. This averages out to 7 hours per week over an 18-week semester. These students must be working in an area of Music & Audio Technology. Assignments may be paid or unpaid. In some instances, business/sponsors may work with students for a trial period (unpaid) and then choose to compensate students after verifying a good workplace match. Students will be monitored by their CTE program instructor and, also, receive support from the on-campus Career Center. This is an excellent opportunity for students seeking volunteerism, as well as, students looking to find a strong entry-level match in an area of study they enjoy.

Internship is NOT part of mandatory school day.

CTE INTERNSHIP-BUSINESS MANAGEMENT

(paid or unpaid)

0.5 credit

Prerequisites:

- ❖ *Junior or Senior (minimum age 16)*
- ❖ *Must be CTE student with a "C" or better or currently enrolled in the following CTE program: Business Systems*

Students will receive ½ credit for working in a CTE internship for 120 hours per semester. This averages out to 7 hours per week over an 18-week semester. These students must be working in areas of their vocational study. Assignments may be paid or unpaid. In some instances, sponsors may work with students for a trial period (unpaid) and then choose to compensate students after verifying a good workplace match. Students will be monitored by a CTE workplace instructor and students will have the support of our on-campus Career Center. This is an excellent opportunity for students seeking volunteerism as well as students looking to find a good match into a local job.

Internship is NOT part of mandatory school day

CTE INTERNSHIP- MARKETING

(paid or unpaid)

0.5 credit**Prerequisites:**

- ❖ *Junior or Senior (minimum age 16)*
- ❖ *Must be CTE student with a “C” or better (or currently enrolled in the Marketing program)*

Students will receive ½ credit for working in a CTE internship for 120 hours per semester. This averages out to 7 hours per week over an 18-week semester. These students must be working in an area of Professional Sales and Marketing. Assignments may be paid or unpaid. In some instances, business/sponsors may work with students for a trial period (unpaid) and then choose to compensate students after verifying a good workplace match. Students will be monitored by their CTE program instructor and, also, receive support from the on-campus Career Center. This is an excellent opportunity for students seeking volunteerism as well as students looking to find a strong entry-level match in an area of study they enjoy.

Internship is NOT part of mandatory school day**CTE INTERNSHIP-AUTOMOTIVE TECHNOLOGY**

(paid or unpaid)

0.5 credit**Prerequisites:**

- ❖ *Junior or Senior (minimum age 16)*
- ❖ *Must be CTE student with a “C” or better) or currently be enrolled in the following CTE programs: Automotive Technology*

Students will receive ½ credit for working in a CTE internship for 120 hours per semester. This averages out to 7 hours per week over an 18-week semester. These students must be working in areas of their vocational study. Assignments may be paid or unpaid. In some instances, sponsors may work with students for a trial period (unpaid) and then choose to compensate students after verifying a good workplace match. Students will be monitored by a CTE workplace instructor and students will have the support of our on-campus Career Center.

This is an excellent opportunity for students seeking volunteerism as well as students looking to find a good match into a local job.

Internship is NOT part of mandatory school day**CTE INTERNSHIP-CABINETMAKING**

(paid or unpaid)

0.5 credit**Prerequisites:**

- ❖ *Junior or Senior (minimum age 16)*
- ❖ *Must be CTE student with a “C” or better or currently be enrolled in the following CTE programs: Cabinetmaking*

Students will receive ½ credit for working in a CTE internship for 120 hours per semester. This averages out to 7 hours per week over an 18-week semester. These students must be working in areas of their vocational study. Assignments may be paid or unpaid. In some instances, sponsors may work with students for a trial period (unpaid) and then choose to compensate students after verifying a good workplace match. Students will be monitored by a CTE workplace instructor and students will have the support of our on-campus Career Center. This is an excellent opportunity for students seeking volunteerism as well as students looking to find a good match into a local job.

Internship is NOT part of mandatory school day

CTE INTERNSHIP-FIRE SERVICE

(paid or unpaid)

0.5 credit**Prerequisites:**

- ❖ ~~Junior or Senior (minimum age 16)~~
- ❖ ~~Must be CTE student and currently enrolled in the following CTE program: Fire Service Advanced Applications)~~
- ❖ ~~Successful completion of CTE Introduction to Fire Service 1-2~~

Students will receive ½ credit for working in a CTE internship for 120 hours per semester. This averages out to 7 hours per week over an 18-week semester. These students must be working in areas of their vocational study. Assignments may be paid or unpaid. In some instances, sponsors may work with students for a trial period (unpaid) and then choose to compensate students after verifying a good workplace match. Students will be monitored by a CTE workplace instructor and students will have the support of our on-campus Career Center. This is an excellent opportunity for students seeking volunteerism as well as students looking to find a good match into a local job.

Internship is NOT part of mandatory school day

CTE INTERNSHIP-HEALTH SERVICES

(paid or unpaid)

0.5 credit**Prerequisites:**

- ❖ Junior or Senior (minimum age 16)
- ❖ Must be CTE student and currently enrolled in the following CTE program: Health Service Advanced Applications

Students will receive ½ credit for working in a CTE internship for 120 hours per semester. This averages out to 7 hours per week over an 18-week semester. These students must be working in areas of their vocational study. Assignments may be paid or unpaid. In some instances, sponsors may work with students for a trial period (unpaid) and then choose to compensate students after verifying a good workplace match. Students will be monitored by a CTE workplace instructor and students will have the support of our on-campus Career Center. This is an excellent opportunity for students seeking volunteerism as well as students looking to find a good match into a local job.

Internship is NOT part of mandatory school day

SPECIAL CLASSES

OFFICE/TEACHER AIDE**0.5 credit**

Prerequisite: See four criteria listed below.

Students may seek positions by themselves or contact their counselor for openings. Grades are not awarded (credit only). Students MUST fulfill the following **four** requirements to be eligible:

1. Students must pass ALL of their citizenship grades the previous semester in order to be eligible for the program. In addition, a student who receives an “unsatisfactory” in citizenship while serving in this program WILL NOT be allowed to continue in the program nor be considered in the future for placement in the program.
2. Students who have a history of disciplinary problems are NOT eligible to participate in these programs. Administrative approval will therefore be required of all applicants. Students who have previously been dropped from these programs are NOT eligible for future enrollment.
3. Students who exceed the school’s 8-day attendance policy the previous semester are ineligible. Students who exceed the 8 absences while serving in this program will be dropped and placed in study hall.
4. For placement in this program a 2.00 GPA the previous semester is required.

A student who cannot meet all of the above requirements must get approval from Administration and/or counselor to be assigned as a TA. No student may be assigned as a teacher aide more than one time each semester with a maximum of one credit for serving as a TA.

To earn credit for Office/Teacher Aide, student must have fewer than 9 absences per semester and must show for final. If student does not earn credit (NC), will not be eligible to be Office/Teacher Aide for following semester.

WORK CREDIT

***Student may complete up to 2.0 credits**

Prerequisite: *Junior or Senior; Application*

Students may earn $\frac{1}{2}$ credit for 120 hours worked outside of their normal school schedule. **Students are required to fill out an application for approval before submitting any time sheets for hours.** Once approved, students will submit weekly or monthly pay stubs (student must have an official pay stub from their employer) which will be copied and logged for credit. All hours submitted must be worked during the normal school calendar. Hours worked in the summer will not count toward work credit hours. **Students may earn up to 1 credit per year for a total of not more than 2 credits during high school.**

KNIGHT TIME

Class is non-graded (NG)

Prerequisite: *All students*

Will appear on transcript, but with no credit awarded

All students will participate in their Knight Time (KT) class throughout the school year. Students are assigned based on grade level and possibly last name. Students will remain with their same KT class throughout their four years of high school. Each Knight Time session is prepared and developed by a team seeking to promote college and career readiness, in addition to relationship-building for academic success. Students will see Knight Time listed on their schedule as period 9 and will report to that class only on specified KT days.

KT activities include Educational Career Action Plan (ECAP) preparation, school spirit activities, grade-level driven assemblies and presentations, academic success and improvement and much more.

KNIGHT **T**IME

The purpose of Knight Time at LHHS is to provide a more personalized school environment that will ensure students are college and career ready and ultimately increase student achievement.

All students need a supportive environment in order to truly flourish and, by implementing Knight Time, the LHHS staff and faculty will provide the students with many opportunities.

Knight Time is

- focusing on developing positive relationships.
- character and citizenship development for students.
- an opportunity for students to participate in school activities.
- a time for monitoring student progress and recognizing student achievement.
- preparing students for college and career readiness.
- students will fulfill their Education and Career Action Plan (ECAP) required by the State.

2020-2021 LAKE HAVASU HIGH SCHOOL FEE SCHEDULE

****Fees subject to change****

Career & Technical Education	
<u>ARTS-COMMUNICATIONS-HUMANITIES</u>	
CTE Intro to Digital Communications	\$20 year
CTE Adv Digital Comm (Journalism/Print)	\$20 year
CTE Adv Dig Comm (Journalism/Print) (H)	\$20 year
CTE Intro to Music and Audio Tech 1-2	\$20 year
CTE Interim Music and Audio Tech 1-2	\$20 year
CTE Adv (A) Music/Audio Tech 1-2	\$20 year
CTE Adv (B) Music/ Audio Tech 1-2	\$20 year
<u>BUSINESS SYSTEMS</u>	
CTE Fund of Business Management	\$10 sem
CTE Intermediate Bus Management 1-2	\$20 year
CTE DE BUE 101/275 (Honors)	\$20 year
CTE Adv (B) Bus Management 1-2	\$20 year
<u>ENGINEERING</u>	
CTE Automotive Maintenance	\$10 sem
CTE Automotive Tech 1-2	\$40 year
CTE Voc Automotive & Skills 1-4	\$40 year
CTE Fund of Cabinetmaking	\$20 sem
CTE Intro to Cabinetmaking 1-2	\$40 year
CTE Adv Cabinetmaking 1-4	\$40 year
CTE Intro Software & App Design 1-2	\$20 year
CTE Intermed Software & App Design 1-2	\$20 year
CTE Adv Software & App Design 1-2	\$20 year
CTE Adv (B) Software & App Design 1-2	\$20 year
CTE Intro to Engineering Sciences 1-2	\$20 year
CTE Intermediate Engr Sciences 1-2	\$20 year
CTE Advanced Engr Sciences 1-2	\$20 year
<u>HEALTH SERVICES</u>	
CTE DE HES 113/129 (Healthcare)	\$20 year
<u>LAW AND PUBLIC SAFETY</u>	
CTE Fund of Law & Public Safety 1-2	\$20 year
CTE Advanced Law & Public Safety 1-2	\$20 year
CTE Crime Scene Management	\$20 sem
<u>SOCIAL & HUMAN SERVICES</u>	
CTE Intro to Early Childhood 1-2	\$20 year
CTE Adv (A) Early Childhood 1-2	\$20 year
CTE Child Dev Assoc (CDA) 1-2	\$30 year
CTE Child Dev Assoc (CDA) 3-4	\$20 year
CTE Intro to Fashion Design 1-2	\$20 year
CTE Adv (A) Fashion Design 1-2	\$30 year
CTE Adv (B) Fashion Design 1-2	\$30 year
CTE Nutrition & Wellness for Life	\$15 sem
<u>FIRE SERVICE</u>	
CTE Intro to Fire Service 1-2	\$10 year

Fine Arts	
CTE Intro to Studio Arts & Graphic Design	\$40 year
CTE Interim Studio Arts & Graphic Design	\$40 year
CTE Adv Studio Arts & Graphic Design	\$40 year
CTE DE Art 111 (1 st sem)	\$20 sem
CTE Adv. Portfolio Design (2 nd sem)	\$20 sem
Concert Choir 1-2	\$10 year
Enchanted Voices 1-2	\$10 year
Knight Voices 1-2	\$10 year
Guitar	\$20 sem
Music Theory	\$10 sem
Acting 1-2	\$5 year
CTE Stagecraft for Show Prod 1-2	\$5 year
CTE Stagecraft 1-2	\$20 year
CTE Stagecraft 3-4	\$20 year
CTE Tech Theater Music Production 1-2	\$5 year

Science	
Biology 1-2	\$5 year
Biology (Honors)	\$10 year
CTE Allied Health Biology 1-2	\$5 year
CTE Allied Health Biology (Honors)	\$20 year
Chemistry 1-2	\$15 year
Chemistry 1-2 (Honors)	\$20 year
Anatomy 1-2	\$25 year
Adv Anatomy 1-2 (Honors)	\$40 year
Earth Science 1-2	\$5 year
Earth Science 1-2 (Honors)	\$10 year
Ecology/Environ. Science 1-2	\$5 year
AP Biology (Honors) 1-2	\$40 year
AP Adv Chemistry (Honors) 1-2	\$30 year
AP Environmental Science 1-2 (Honors)	\$20 year
AP Physics 1-2 (Honors)	\$20 year

BAND	
School Owned Instrument	\$20 sem*
*Semester rental fees for instruments owned by LHHS. Fees are paid to the Band Boosters. Students can also rent with a private vendor.	

Parking Permit (Required)	*Subject to change
Reserved/uncovered	\$25 year
Reserved/covered	\$50 year

Participate in tax credit (to athlete) for a free pass	
Athletic Student Card	\$50 year
Athletic Family Pass	\$100 season

Athletic Fee	\$400 year
* see Athletic Office for Tax Credit Information	