

LAKE HAVASU HIGH SCHOOL

COURSE DESCRIPTION GUIDE 2021-2022



#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
Mrs. Sherry Miller
Administrative Assistant
Mrs. Amy Barney
Assistant Principal
Mrs. Sydnee Johnson
Attendance Clerk
Mrs. Shannon Williams
Assistant Principal
Mrs. Ashley Taylor
Administrative Assistant
Mr. Dustin Zampogna
Assistant Principal
Athletic Director
Title IX Coordinator
Mrs. Danica Kitchel
Administrative Assistant

CAREER & TECHNICAL EDUCATION

Mrs. Marsha Becker
CTE Director
Mrs. Judy Long
CTE Office Assistant

CAREER CENTER

Mrs. Francine Galea
CTE Office Assistant

COUNSELING OFFICE

Ms. Carol Newton
Registrar
Mrs. Tina Simpson
Office Assistant
Mrs. Debbie Janecek
Administrative Assistant

COUNSELORS

(Assignment based on students' last name)

A-DEL: Mrs. Katie Robertson
DEM-K: Mrs. Kaitlin Levine
R-RIL: Ms. Deanna Ainsworth
RIM-Z: Ms. Sara Chandler
CTE/Havasuoonline Counselor: Ms. Kaymee Kelly

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Students who have ten (10) consecutive unexcused absences in all of their classes will be withdrawn from school. A student may be withdrawn from school for non-payment of tuition and other fees.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

AzSCI- Arizona Science Test

AzSCI is a Standards Based Assessment that measures student proficiency of the Arizona Academic Content Standard in Science. It is administered in the spring to juniors.

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.

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 Katie Robertson DEM - K Kaitlin Levine L - RIL Deanna Ainsworth RIM - Z Sara Chandler	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

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).

*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 23, 2021 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 23, 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 REQUEST

Katie Robertson **A-DEL**

Kaitlin Levine **DEM-K**

Deanna Ainsworth **L-RIL**

Sara Chandler **RIM-Z**

Kaymee Kelly **CTE/Havasonline**

PARENT APPOINTMENT

www.calendly.com/katie.robertson

[TBD](#)

www.calendly.com/deannaainsworth

[TBD](#)

[TBD](#)

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

A half credit is awarded upon successful completion (grade of "D" or better) of each semester class. (Algebra requires a grade of "C" or better for credit.) A class lasting two semesters (one school year) earns one 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 All Except: Integrated Science and Conceptual Chemistry	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 (US) History and one additional Social Studies course	3-4 CREDITS	2 CREDITS
FOREIGN LANGUAGE		2 CREDITS In the same language	4 CREDITS As many 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 in 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 UNIVERSITIES

State Schools:
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. Additional information can also be obtained from the Arizona Board of Regents website <https://public.azregents.edu/Policy%20Manual/2-121-Undergraduate%20Admission.pdf>.

UNCONDITIONAL ACCEPTANCE

Students must rank in top 25% of the senior class

OR have a GPA of 3.0 unweighted in 16 core competencies below

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 unweighted in 16 core competencies below

OR be deficient in 2 course requirements

Core Competencies			
Subject Area	OR ACT Score	OR SAT Score	Or College
English 4 credits/years Composition/ Literature	English sub score of 21 or above	Evidence based reading and writing score of 530 or above pre-March 2016 or 580 or above March 2016 or later	One 3-credit transferable English course
Mathematics 4 credits/years	Math sub score of 24 or above.	Math score of 540 or above pre-March 2016 or 580 or above March 2016 or later.	One transferable 3- credit course at the college algebra level or higher.
Lab science 3 credits/years	Natural science sub score of 20 or above. (Test scores may be used to show competency in one (1) science only)	SAT Subject Test: Chemistry—600 or above; Biology—590 or above; Physics—620 or above	Three transferable courses each equivalent to 4-credit lab science courses (only two may be in the same field)
Social science 2 credits/years	N/A	SAT subject test scores: American History/social studies: 560 or above; European/world culture: 580 or above	One 3-credit American History course and one 3-credit social science course
Second Language 2 credits/years	Attain a minimum score on a national standardized language test such as AP or CLEP Examination scores; or earn certified placement into third college-level semester of higher based on an exam given by an accredited institution of higher education.		One year of study in the same language; includes American Sign Language.
Fine Arts OR CTE 1 credit	N/A	N/A	One 3-credit fine arts class.

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.

ECAP

Education & Career Action Plan

All students are required to complete an Education & Career Action Plan (ECAP), which is a portfolio highlighting academics, career planning, post-secondary planning, and extra-curricular activities and accomplishments. It reflects a student's current plan of coursework, career plans, and extended learning opportunities that will increase opportunities after high school and assist in obtaining their future goals.

Students annotate their ECAP (Education & Career Action Plan) via counselor guided classroom lessons, Knight Time activities, and classroom lessons. Our students ECAP portfolios will be a combination of paper and electronic documentation.

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

Grade	Activity
9 th	*School Counselor Meet and Greet
	*4-year course planner/Academic (high school & university) requirements
	*Resume building: Create contact information/references/activities/skills & achievements
	*Student need assessment
	*Interest Profiler
	*Transcript lesson
10 th	*Commit to Graduate
	*Resume updates
	*Educational Plans/Setting Goals
	*Post-secondary options
	*Career Choices
	*Transcript lesson
11 th	*Work Values
	*Resume updates
	*Educational & Financial Plans/Setting Goals
	*Skills Assessment
	*Career Center Visit
	*Career & College Expo
12 th	*HS Course plan
	*Commit to Graduate
	*Resume updates
	*Career Center Visit
	*Making Educational & Financial Plans
	*Post-secondary school tours
	**Financial Aid/Scholarships
	*Applying to post-secondary institutions

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 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 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; and 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.

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.
- 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 B 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.
- Students must meet the prerequisites, which include:
 - LHHS course sequence
 - Earning a B or better in Sophomore English (Semester 2) for DE English or History or Art
 - Earning a B or better in Algebra 4 (Algebra II, Semester 2) for DE Math 151.

Dual Enrollment Timeline:

Due to the COVID-19 pandemic, there will not be an assessment for students to complete. For rising juniors, counselors will review prerequisites during pre-registration (February-March). At the end of the Spring 2021 semester, counselors will review English and/or Math grades to determine eligibility and appropriate placement. Schedules, if necessary, will be updated by counselors during the Summer of 2021. For rising seniors, prerequisites and grades will be reviewed during pre-registration to determine eligibility. If applicable, grades will be reviewed at the end of the Spring 2021 semester and schedules adjusted accordingly.

ADVANCED PLACEMENT (AP) INFORMATION

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 \$95 and must be paid through the bookstore.

DUAL ENROLLMENT AND AP CLASSES OFFERED AT LHHS

Class offering may change based on availability.

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

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.

COURSE SEQUENCING: CORE SUBJECTS

(ADDITIONAL ELECTIVE OPTIONS AVAILABLE, PLEASE SEE GUIDE)

English	Math	Science	Social Studies
English 1-2 English 3-4 English 5-6 English 7-8 or Mythology 1-2 or Read 180 1-2	Algebra 1-2 Geometry Algebra 3-4 Pre-Calculus or Math of Money	Integrated Science OR Biology OR Allied Health Biology Chemistry OR Conceptual Chemistry Earth Science OR Ecology CTE Anatomy (prerequisite is Chemistry)	World History US/AZ History Civics Economics

Honors English	Honors Math	Honors Science	Honors Social Studies
English 1-2 (H) English 3-4 (H) English 5-6 (H) DE ENG 101 & 102 (H)	Algebra 1-2 (in MS) Geometry (H) Algebra 3-4 (H) Math of Money (H) or DE MAT 151 & 181 (H) DE MAT 142 & 211 (H) AP Calculus (H)	Biology (H) OR Allied Health Biology (H) Chemistry (H) Earth Science (H) CTE Adv Anatomy (H) AP Biology (H) AP Chemistry (H) AP Environmental Science (H) AP Physics (H)	World History (H) DE US/AZ History 131 & 132 (H) Civics (H) Economics (H)

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.*

**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

**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.collegeoptions.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!

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

- Sign into Google Classroom regularly to get assignments and instruction during distance learning.
- Sign into Student Vue regularly to review grades, attendance, and missing work.
- Attend teacher Office Hours regularly for assistance as grades are important during your freshman year. Seek assistance as needed and do not wait until you are in trouble. It's okay to ask for help!
- Begin high school with good study habits to stay on track. Each school day, work on something for your classes everyday (assignments, readings, reviews, study, etc).
- Take challenging classes in core academic subjects. Most colleges require four years of English, at least three years of social studies (history, civics, geography, economics, etc.), four years of mathematics, and three years of lab science, and many require two years of a foreign language. Round out your course load with classes in computer science and the arts.
- Get involved in school- or community-based activities that interest you or let you explore career interests. Consider working, volunteering, and/or participating in academic enrichment programs, summer workshops, and camps with specialty focuses such as music, arts, or science. Remember—it is quality (not quantity) that counts.
- Start a list (portfolio) of your awards, honors, paid and volunteer work, and extracurricular activities. Update it throughout high school. Consider starting a resume.
- Work with your counselor to develop your ECAP (Education Career Action Plan), which will include a 4-year course planner, career interest assessments, honors/awards received, clubs/athletics participated in, and post-secondary (after high school) plans.

10th Grade - Sophomore Year

- Sign into Google Classroom regularly to get assignments and instruction during distance learning.
- Sign into StudentVue regularly to review grades, attendance, and missing work.
- Attend teacher Office Hours regularly for assistance as grades are important during your sophomore year. Seek assistance as needed and do not wait until you are in trouble. It's okay to ask for help!
- Take challenging classes in core academic subjects. Most universities require four years of English, at least three years of social studies, four years of mathematics, and three years of lab science, and most require two years of a foreign language.
- Get involved in school- or community-based activities that interest you or let you explore career interests. Consider working, volunteering, and/or participating in academic enrichment programs, summer workshops, and camps with specialty focuses such as music, arts, or science. Remember—it is quality (not quantity) that counts.
- Work with your counselor to develop your ECAP (Education Career Action Plan), which will include a high school graduation plan (courses all years), career interest assessments, honors/awards received, clubs/athletics, and post-secondary (after high school) plans.

11th Grade - Junior Year

- Sign into Google Classroom regularly to get assignments and instruction during distance learning.
- Sign into Student Vue regularly to review grades, attendance, and missing work.
- Attend teacher Office Hours regularly for assistance as grades are important during your Junior year. Seek assistance as needed and do not wait until you are in trouble. It's okay to ask for help!
- Concentrate on your GPA. Keep your grades high and your courses as challenging as possible.
- Start attending virtual college (universities, community colleges, technical/trade school) fairs and tours.
- Visit the Career Center Virtually (Facebook & Google Classroom) until school reopens.
- Intensify your scholarship search utilizing the Career Center and www.fastweb.com . Keep track of deadlines and requirements.

First Semester

- 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.
- Register for and take the PSAT. *This year it counts for the National Merit Scholarship.*
- All juniors will be given the opportunity to take the ACT for free in the Spring. If necessary schedule dates to take the SAT and ACT tests. See Important Dates Handout.
- Take the ASVAB (Armed Services Vocational Aptitude Battery). The ASVAB is a great tool for career exploration. *If considering the military, the ASVAB is mandatory. Talk with the military recruiters regarding career and education opportunities. Link: <https://www.military.com/join-armed-forces/asvab>
- Contact the US military academies NOW if you want to apply. Find out about the individual schools and their summer programs at: <https://www.usa.gov/military-colleges>
- Research summer workshops and college courses for high school students.
- Complete CollegeBoard AP registration, if applicable.

Second Semester

- 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 classes at a community college.
- In May, take applicable AP exams.
- Register online at NCAA Clearinghouse Eligibility Center if you want to play sports in college.
- Complete your resume in Junior English.
- Look for a summer job. Try to get one related to a major you're considering.

SUMMER

- Start work on your essays for college applications and scholarships.
- Identify which teachers you want to ask for recommendations.
- Start your application process if you're applying Early Decision or Early Action.
- Tour (virtually or in person) college campuses to further narrow list of colleges

12th Grade - Senior Year

- Sign into Google Classroom regularly to get assignments and instruction during distance learning.
- Sign into Student Vue regularly to review grades, attendance, and missing work.
- Attend teacher Office Hours regularly for assistance as grades are important during your Senior year. Seek assistance as needed and do not wait until you are in trouble. It's okay to ask for help
- TALK WITH YOUR COUNSELOR! Remember to make an appointment.
- Pay attention to announcements
- "Like" on Facebook: LHHS Career Center and LHHS Counseling Program as well as Google Classroom
- All the resources Career Center has to offer – make it a stop on your schedule frequently

August -September:

- Review your high school graduation requirements/transcript. Are you missing anything?
- Record any awards or achievements you have gotten during this school year. Update your resume.
- Complete college applications or community college/technical trade school registration process
- Request letters of recommendation, if needed for college or a job. Do this early.
- Complete college applications. Ask yourself: Is Common App a 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
- Request unofficial transcript from the Counseling Office. Official transcripts are typically not needed until you have officially graduated!
- Determine if additional tests are required for college admission (SAT, SAT Subject Test, and ACT)
- If application or tests are a financial burden, talk to your counselor about options.
- Apply for scholarships – stop by the Career Center often to pick up new scholarship applications and make sure you complete the Community Scholarship Application.
- 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, workplace, restaurants, department stores, banks, etc.

- Consider early decision and early action applications due between October 1 and November 1
- NCAA eligibility – If Division 1 or 2, make sure you are registered now
- NAIA eligibility – must register with NAIA senior year and have certain requirements. Gather information needed to complete the FAFSA. Keep your eyes open for a FAFSA lesson.

October:

- Finalize college applications
- Finalize scholarship applications
- If needed, take SAT or ACT tests and have the official scores sent to colleges and universities
- FAFSA time! FAFSA (Federal Application for Free Student Aid). The sooner you complete the FAFSA, the sooner you will receive the Student Aid Report (SAR). Cannot be submitted prior to October 1st.
- Make sure your cap and gown has been ordered. This is required to participate in the graduation ceremony.

November:

- Submit final college admission applications
- Complete scholarship applications
- Take the ASVAB ; if interest is military, speak with a recruiter to discuss options
- The sooner you complete the FAFSA, the sooner you will receive the Student Aid Report (SAR)
- Contact the financial aid office(s) to make sure that your information has been received

December:

- Watch for early decision replies
- Complete applications for regular admissions
- Complete scholarship applications
- Make sure OFFICIAL test scores are being sent to the colleges
- Continue to focus on your grades and extracurricular involvement
- Contact the financial aid office(s) to make sure that your information has been received
- MCC transcript request for English 101/102 or any other MCC class – online through MCC website.

January:

- Complete scholarship applications
- If applicable have 7th semester (mid-year) high school transcript/grades sent to colleges (or self-report them); request made through Counseling Office or Counselor (Common App)
- Contact the admission office(s) to make sure that information has been received
- Print unofficial grade report/transcript from MCC for verification of grades and credit
- Check with bookstore for financial obligations (make a plan for payment if needed)

February - April:

- Complete scholarship applications
- Keep grades up (colleges can revoke offers of admission if your grades take a nose-dive your senior year)
- Most schools have a deposit deadline of May 1st. Do not be late!
- Complete work credit and ensure all pay stubs are turned in NO LATER than MAY 1
- Complete any high school courses taken outside of LHHS no later than May 1
- Make sure your cap and gown has been ordered. This is required to participate in the graduation ceremony.

May:

- Avoid senioritis! An acceptance letter doesn't mean you can stop working.
- Take AP exams for any AP subjects taken in high school. Most colleges offer course credit for high school AP scores.
- MCC transcript request for English 101/102 or any other MCC class – online through MCC website.
- Clear all obligations (detention, financial – fees, books, sports fee) to ensure you are eligible to participate in the graduation ceremony.
- Send thank you letters to everyone who helped you in the application process. Let your mentors and recommenders know the results of your college search.
- High School transcript requests – visit Counseling Office or go to website (Parchment)
<https://lhhs.lhusd.org/transcriptrequests>
- **GRADUATE. Congratulations!**



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.wavejt.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
	Introduction to Business & Entrepreneurs (BUE101)[3]	0.5
	Financial Management for Entrepreneurs (BUE130) [3]	0.5
	Social media Marketing (BUE 1165)[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 I (CIS143) [3]	0.5
	Web Page Design II (CIS243) [3]	0.5
	Digital Design (ART 245) [3]	0.5
	Social Media Marketing (BUE 165) [3]	0.5
	Network Security and Penetration Testing (CIS156) [3]	0.5
	Programming for the Web in JavaScript (CIS206) [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]	
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]	

Program	College Class title (course number) [credits]	LHHS Credits
EARLY CHILDHOOD/ EDUCATION PROFESSIONS	Children's Literature (EDU200) [3] Introduction to Education (EDU205) [3] Cultural Diversity in Education (EDU214) [3] The Exceptional Student (EDU222) [3]	0.5 0.5 0.5 0.5
FIRE SCIENCE ➤ <i>NREMT Certification & Fire Fighter Certificate</i>	Principles of Emergency Services (FSC105) [4] Occupational Safety and Health for Fire Service (FSC220) [3] Building Construction for Fire Protection (FSC233) [3] Emergency Medical Technician (EMS222) [8]	0.5 0.5 0.5 1.0
HEATING, VENTILATON, AIR-CONDITIONING (HVAC)		
➤ <i>HVAC Residential Certification</i>	Introduction to HVAC (HVA100) [4] Residential Maintenance and Communications (HVA106) [4] Residential Diagnostics & Repair I (HVA107) [3] Residential Diagnostics & Repair II (HVA207) [6]	0.5 0.5 0.5 1.0
➤ <i>HVAC Installation Certification</i>	Introduction to HVAC (HVA100) [4] Ducting and Electrical (HVA126) [4] Unit Installation and Start Up (HVA127) [4] HVAC Estimating and Bidding (HVA128) [2] HVAC Plans and Specifications (HVA228) [2]	0.5 0.5 0.5 NONE NONE
INSURANCE CODING ➤ <i>Billing and Coding Certificate</i>	Medical Terminology (HES113) [3] Pharmacology for Allied Health Professionals (HES128) [3] Allied Health Anatomy and Physiology (HES129) [3] Medical Law and Ethics (MEA100) [3] Electronic Medical Records (MEA116) [3] Medical Coding I (MEA130) [3] Medical Coding II (MEA131) [3] Medical Billing (MEA141) [3]	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5
MEDICAL ASSISTING	Medical Terminology (HES113) [3] Pharmacology for Allied Health Professionals (HES128) [3] Allied Health Anatomy and Physiology (HES129) [3] Medical Law and Ethics (MEA100) [3] Medical Assistant Profession (MEA103) [1] Medical Coding I (MEA130) [3] Medical Billing (MEA141) [3] Pathophysiology (MEA205) [3] Medical Assistant Clinical Procedures (MEA257) [5] Medical Assistant Externship (MEA258) [4]	0.5 0.5 0.5 0.5 NONE 0.5 0.5 0.5 0.5 0.5
NURSING ASSISTANT PROGRAM (CNA) –Certified Nursing Assistant	Nursing Assistant Program (NAP115) [6]	1.0
PHLEBOTOMY	Medical Terminology (HES113) [3] Allied Health Anatomy and Physiology (HES129) [3] Medical Law and Ethics (MEA100) [3] Basic Phlebotomy Techniques (MEA101) [4] Phlebotomy Externship (MEA102) [3]	0.5 0.5 0.5 0.5 0.5
RETAIL MANAGEMENT	Introduction to Accounting (ACC125) [4] Human Relations in the Workplace (BUE102) [4] Business English (BUE105) [3] Managing and Supervising Techniques (BUE120) [3] Marketing (BUS161) [3] Retailing and Customer Service (BUS162) [3]	0.5 0.5 0.5 0.5 0.5 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
	Digital Design (ART245) [3]	0.5
	Photo I (ART151) [3]	0.5

Arizona Western College		
Program	College Class title (course number) [credits]	LHHS Credits
AERIAL SYSTEMS ➤ <i>Small Unmanned Aerial Systems Certificate</i>	The Police Function (AJS 230) [3]	0.5
	Terrorism/Counter Terrorism (AJS 191) [3]	0.5
	Introduction to Unmanned Aerial Systems (UAS100) [3]	0.5
	Aviation UAS Pilot Ground School (UAS101) [3]	0.5
	UAS Image Analysis and Visualization (UAS102) [3]	0.5
	UAS Flight Operations and Planning (UAS103) [3]	0.5
	Introduction to Meteorology (GPH171) [4]	0.5
	Geospatial Technology Capstone (GST108) [2]	NONE
	Career Exploration and Preparation to Enter the Workforce (TEC 099-1) [3]	0.5
EDUCATION PROFESSIONS	Introduction to Education (EDU110) [3]	0.5
	Education Practicum (EDU207) [1]	NONE
	Classroom Management & Instructional Planning (EDU275) [3]	0.5
	Cultural Diversity in Education (EDU210) [3]	0.5
	Introduction to Special Education (EDU222) [3]	NONE
	CPR/First Aid Certification (TEC 070)[1]	
	Career Exploration and Preparation to Enter the Workforce (TEC 099-1) [3]	0.5
EXERCISE AND WELLNESS	Sports Injury Management (PEM202) [3]	0.5
	Sports Injury Treatment (PEM208) [3]	0.5
	Athletic Training Practicum (PEM 210) [4]	0.5
	CPR/First Aid Certification (TEC 070)[1]	NONE
	Career Exploration and Preparation to Enter the Workforce (TEC 099-1) [3]	0.5
GEOSPATIAL TECHNOLOGY		
➤ <i>Geospatial Technologies Specialist</i>	Introduction to Remote Sensing (GST105) [3]	0.5
	Intro to Programming for Geospatial Technology (GST106) [3]	0.5
	Geospatial Web Applications and Development (GST107) [3]	NONE
	Geospatial Technology Capstone (GST108) [2]	0.5
	Career Exploration and Preparation to Enter the Workforce (TEC 099-1) [3]	
➤ <i>Geospatial Technologies Technician Certificate</i>	Introduction to Geospatial Technology (GST101) [3]	0.5
	Spatial Analysis and Modeling (GST102) [3]	0.5
	Data Acquisition and Management (CST103) [3]	0.5
	Cartographic Design and Visualization (GST104) [3]	0.5
	Survey of Computer Information Systems (CIS120) [3]	0.5
	Introduction to Human Geography (GEO102) [3]	0.5
	Physical Geography (GEO110) [3]	0.5
	Career Exploration and Preparation to Enter the Workforce (TEC 099-1) [3]	0.5
INDUSTRIAL TECHNOLOGY	Air Conditioning and Refrigeration (ACR101) [3]	0.5
	AutoCAD 1-Drafting (DFT100) [3]	0.5
	Basic Electricity (ECT105) [3]	0.5
	Core Curriculum Introductory (TEC100) [5]	0.5
	10 Hour OSHA Construction Card (TEC125) [1]	NONE

	Employee and Occupational Safety (TEC165) [3]	0.5
	Techniques in Gas Metal Arc Welding (WLD109) [3]	0.5
	Introduction to Robotic Welding (WLD 201)[4]	0.5
	Career Exploration and Preparation to Enter the Workforce (TEC 099-1) [3]	0.5

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

Future Culinaricians! 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
<i>Prerequisites:</i> <ul style="list-style-type: none"> ❖ <i>Approved WAVE application</i> 		
		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
<i>Prerequisites:</i> <ul style="list-style-type: none"> ❖ <i>Junior or Senior AND completed Beginning Culinary class with C or higher</i> ❖ <i>Pm class only</i> ❖ <i>Must receive a C or higher semester 1 to continue to semester 2</i> ❖ <i>Approved Year 2 WAVE application</i> ❖ <i>Instructor Approval</i> 		
		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)

Prerequisites:

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

2.0 credits

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 *



COURSE DESCRIPTIONS 2021-2022

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

Fee: \$20.00

***Fine Arts Credit**

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***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*

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 newspaper, 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.

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*
- ❖ *9th and 10th 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.

change for Student Government

*Name

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 10th – 12th READ 180 1-2

1.0 credit

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.

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 1-2(SENIOR ENGLISH)

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 and literature. There will be an emphasis on close reading, discussion, and analysis of literary 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 (incorporates comprehensive application of grammar skills and MLA guidelines).

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

Prerequisite: None

1.0 credit

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

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

1.0 credit

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

Prerequisite: 9th-12th grade; Directors' approval by audition ONLY

1.0 credit

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

Prerequisite: None

1.0 credit

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 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 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 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
3.0 credit hrs

LHHS
0.5 credit
Fee: \$20.00

Prerequisites:

- ❖ *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 be 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.

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
❖ <i>Please see Honors requirements on page 10.</i>		
❖ <i>Students who have taken Allied Health Biology 1-2 will be given priority status; but students taking any Biology course would be eligible</i>		
❖ <i>Junior or Senior</i>		
❖ <i>Qualifying MCC ACCUPLACER score (Reading 240, Writing 240) by Spring Deadline</i>		
❖ <i>Grade of C (77% or higher) to continue the following semester</i>		

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

1.0 credit

*elective 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.

		<u>MCC</u>	<u>LHHS</u>
DE MAT 142 (H)	COLLEGE MATHEMATICS (S1)	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 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.

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

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

This class is required to fulfill the Physical Education requirement for graduation.

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

This class is required to fulfill the Physical Education requirement for graduation.

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, tinkling 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**
Fee: \$20.00*Prerequisites:*

- ❖ *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.

CTE Anatomy & Physiology Intro to Sports Medicine 1-2**1.0 credit**
Fee: \$20.00*Prerequisite: Junior or Senior with successful completion of Biology and Chemistry with a C or better or teacher approval.*

Anatomy & Physiology Introduction to sports medicine is an inquiry-based laboratory course that helps students discover the wonders of the human body. The structures and functions of the major body systems will be explored from a subcellular level to a multi-cellular organism level. Students will gain knowledge of the human body through lecture, research and reading, and laboratory investigations, including several dissections. This course introduces techniques used to investigate questions in life science (anatomy/physiology) and applies to any student interested in discovering the inner workings of the human organism, and not necessarily going into the medical field.

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

CTE Anatomy & Physiology Intro to Sports Medicine(H) 1-2**1.0 credit**
Fee: \$20.00*Prerequisites:*

- ❖ *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 introduces students to the basics of sports medicine and rehabilitation therapies at an accelerated pace and rigor. It is a hands-on inquiry-based laboratory course for students interesting in any health care pathway. The structures and functions of the major body systems will be explored from a subcellular level to a multi-cellular organism level. High-level dissections and activities will be included to enhance the experience. Students will also gain extensive knowledge of the human body through lecture, research and reading, case studies, and other laboratory investigations. They will learn advanced anatomy and physiology, types and prevention of sports-related injuries, and rehabilitation strategies. Students will also explore medical and allied healthcare careers.

AP BIOLOGY 1-2 (H)**1.0 credit**
Fee: \$40.00**Prerequisites:**

- ❖ 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**
Fee: \$30.00**Prerequisite:**

- ❖ 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**
Fee: \$5.00

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

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**
Fee:
\$10.00**Prerequisites:**

- ❖ 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.

SOCIAL AND HUMAN SERVICES

EARLY CHILDHOOD

INTRODUCTION TO EARLY CHILDHOOD EDUCATION 1-2

1.0 credit

Fee: \$20.00

Prerequisite:

- ❖ *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

Fee: \$20.00

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

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**
Fee: \$30.00*Prerequisites:*

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

CHILD DEVELOPMENT ASSOCIATE (CDA) 3- 4**1.0 credit**
Fee: \$20.00*Prerequisites:*

- ❖ *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**
Fee: \$20.00*Prerequisite: Application*

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**
Fee: \$30.00*Prerequisite: Intro to Fashion Design with grade of "B" or better and Teacher Approval*

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**
Fee: \$30.00*Prerequisite: Advanced (A) Fashion Design with grade of "B" or better and Teacher Approval*

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.

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

History of the United States I and II

MCC
6.0 credit hrs

LHHS
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

0.5 credit

(paid or unpaid)

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

0.5 credit

(paid or unpaid)

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

0.5 credit

(paid or unpaid)

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

0.5 credit

(paid or unpaid)

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

0.5 credit

(paid or unpaid)

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

0.5 credit

(paid or unpaid)

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-HEALTH SERVICES

0.5 credit

(paid or unpaid)

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
awarded*

Will appear on transcript, but with no credit

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.

2021-2022 LAKE HAVASU HIGH SCHOOL FEE SCHEDULE

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

Career & Technical Education

ARTS-COMMUNICATIONS-HUMANITIES

CTE Intro to Digital Communications	\$20 year
CTE Adv Digital Comm (Journalism/Print)	\$20 year
CTE Adv Digital Comm (Journalism/Print) (H)	\$20 year
CTE Adv Digital Comm (Publications)	\$20 year
CTE Adv Digital Comm (Publications) (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

BUSINESS SYSTEMS

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

ENGINEERING

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

HEALTH SERVICES

CTE DE HES 113/129 (Healthcare)	\$20 year
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LAW AND PUBLIC SAFETY

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

SOCIAL & HUMAN SERVICES

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

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

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
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 Stagecraft for Musical 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
CTE Anat & Phy Sports Med 1-2	\$20 year
CTE Anat & Phy Sports Med 1-2(Honors)	\$20 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 Environmental Science 1-2 (Honors)	\$20 year

BAND

School Owned Instrument	\$20 sem*
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*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	
Athletic Family Pass	