LAKE HAVASU HIGH SCHOOL
2675 S. PALO VERDE BLVD.
LAKE HAVASU CITY, AZ  86403
(928) 854-5001
www.lakehavasuhighschool.org

ADMINISTRATION
Mrs. Denise Miner, Principal
Mr. Dale Genger, Assistant Principal
Mr. Roger Burger, Athletic Director &
Assistant Principal
Mr. Scott Becker, Assistant Principal
Round Table Program & LHHS

CAREER & TECHNICAL EDUCATION
Mrs. Shawna Schneikart -
Career & Technical Education Coordinator

COUNSELORS
A-D    Ms. Kathleen Stengel
E-K    Mrs. Tracy Pressley
L-Ra   Mrs. Tonya Krueger
Re-Z   Ms. Sarah Skemp

CAREER CENTER
Mrs. Cali George
Mrs. Julie Burkholder
Mrs. Francine Dropinski

GUIDANCE OFFICE CLERICAL STAFF
(Registration/Withdrawal from School)
Mrs. Debra Janecek, Staff Assistant
Mrs. Juliana Peters, Office Assistant
Mrs. Susan Sonderen, Registrar
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ENROLLMENT & WITHDRAWAL

General Enrollment
Freshmen, Sophomores and Juniors must enroll in six credited classes per semester. SENIORS are required to enroll in at least four credited classes per semester. Students who have not yet passed any AIMS test will be required to participate in mandatory tutoring lab class in that subject until they pass the AIMS test. A student may enroll in only one study hall per semester, beyond the required six credited classes for 9-11th graders and four credited classes for 12th graders. 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 years. Students’ schedules must be approved by the principal.

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 guidance office, to his/her teachers and to the various school offices before withdrawal is complete.

Students who have ten consecutive unexcused absences in all of their classes will be withdrawn from school. A student may be withdrawn from school for non-payment of tuition and other fees.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
Withdrawal from a class - Students may withdraw from a class through the eighth week without penalty, but will be assigned to a study hall for no credit. After the eighth week of a semester, students withdrawing from a class will be given a W/F (withdrawal/fail) and be assigned to study hall for no credit. This will be factored into the students GPA.
FRIDAY, JULY 25th 2014
IS THE LAST DAY TO MAKE SCHEDULE CHANGES!

Students are encouraged to make all schedule changes prior to the last day of school in May. If necessary, schedule changes may be made during the summer months in the Guidance Office. The quickest and easiest way to make schedule changes is through email, or over the phone. Please call 854-5327.

Due to master schedule limitations, students may not request a specific teacher or lunch. **After July 25th, 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 Form (available in the Guidance Office) only 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 (pre-registration forms will be kept to verify any error).

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

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

**COUNSELORS**
Kathleen Stengel A-D  Tracy Pressley E-K  Tonya Krueger L-Ra  Sarah Skemp Re-Z

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.
GRADUATION REQUIREMENTS
LAKE HAVASU HIGH SCHOOL

One-half credit is awarded upon successful completion (grade of “D” or better) of each semester-long class. (See Math section for exception.) A class that lasts two semesters (one school year) earns one full credit.

<table>
<thead>
<tr>
<th>Subject</th>
<th>L.H.H. S. Graduation Requirements</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
</tr>
<tr>
<td>Fine Arts or Career &amp; Technical Education</td>
<td>1 credit in either area</td>
</tr>
<tr>
<td>Mathematics*</td>
<td>4 credits</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1 credit</td>
</tr>
<tr>
<td>Science</td>
<td>3 credits</td>
</tr>
<tr>
<td>Social Studies (World History/Geography, U.S./AZ History, Civics/Free Enterprise)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Electives</td>
<td>7 credits</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
</tr>
</tbody>
</table>

* Class of 2015-2018 must complete Algebra 1-2, Geometry 1-2, Algebra 3-4 and an additional math course.

AIMS

The Arizona Department of Education and the State Board of Education have implemented an additional requirement for graduation - Arizona’s Instrument to Measure Standards (AIMS) tests. For the classes of 2015 and 2016, The Arizona Department of Education requires students take and pass the AIMS tests. AIMS testing at the high school level is administered for the first time during second semester of the sophomore year. A student who does not pass any one of the three tests has four additional testing opportunities before graduation. Juniors and seniors are provided with fall and spring testing. (More information at [www.ade.state.az.us](http://www.ade.state.az.us))

A new testing instrument will be administered starting with the class of 2017. This test will be required for graduation. More information will be detailed as soon as it is known.

ECAP

ALL students will be required to complete an Education Career Action Plan (ECAP). Students will complete an online portfolio on the AZCIS website. The portfolio will highlight academics, career planning, post-secondary planning, and extra-curricular activities and accomplishments. Students may access their portfolio by going to [www.azcis.intocareers.org](http://www.azcis.intocareers.org). Student login may be the student’s birth date and password or has been set by the student. For more information on ECAP requirements, go to [www.ade.az.gov/ecap](http://www.ade.az.gov/ecap). Please speak with your student’s counselor if more information is needed.
Arizona Universities
GENERAL ADMISSION REQUIREMENTS
ARIZONA STATE UNIVERSITY
NORTHERN ARIZONA UNIVERSITY
THE UNIVERSITY OF ARIZONA

The Arizona Board of Regents establishes minimum admission criteria for the three state universities. 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.

**UNCONDITIONAL ACCEPTANCE**
Students must rank in top 25% of the senior class
OR have a GPA of 3.0 or above
OR have a minimum 1040 SAT 1 combined score
OR have a minimum 22 ACT score
AND meet all entrance course requirements

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

- Foreign language proficiency is required for most college degrees; students may consider completing 3-4 years of high school foreign language in preparation.
- Keyboarding and word processing proficiency are strongly recommended for all college-bound students.
- All grades must be “C” or better to avoid deficiencies.

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>UNIVERSITY ADMISSION CREDITS REQUIRED</th>
</tr>
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<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>1 credit Art, Band, Choir, or Theater, Graphic Communication or Audio Visual</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2 credits-Both credits must be in the same language</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4 credits-Including Algebra 1-2, Geometry, Algebra 3-4, and EITHER Pre-Calculus or Calculus</td>
</tr>
<tr>
<td>Science</td>
<td>3 credits - Including Biology, Chemistry, and EITHER Geology, Anatomy, Physics, or DE Biology.</td>
</tr>
<tr>
<td>Social Studies</td>
<td>2 credits - Note state requirements for graduation</td>
</tr>
<tr>
<td>Electives</td>
<td>6 credits</td>
</tr>
</tbody>
</table>

Online Learning
Havasu Online

Now in its eighth year, Havasu Online, offers over 100 courses ranging from AP, core courses, World Languages, and electives. Courses are taught by Arizona-certified and highly-qualified teachers with final exams proctored. Interested students must contact their LHHS counselor for approval to enroll.
LAKE HAVASU HIGH SCHOOL HONORS PROGRAM

HONORS CLASSES

Each department with honors offerings upholds a rigorous and advanced program which 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 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 “C” or better 1st semester. Students may continue in the honors program the following year with a “C” or better. However, students who are struggling should meet with their counselor to discuss options. (Letter grades in an honors class below “B” may negatively impact scholarship options and University admissions. It’s best to talk with your counselor regarding these issues.)

HONORS WEIGHTING

Students who successfully pass honors courses with a grade of “C” or better will have .035 points added to their GPA after the semester GPA is calculated for each honors class that is taken. All Dual Enrollment (DE) and Advanced Placement (AP) classes are honors and will be weighted in the same manner.

ADVANCED PLACEMENT (AP)

LHHS offers several AP courses which follow the College Board’s guidelines and curriculum for an AP course. The courses are rigorous and require students to think critically and complete a variety of assignments through essay or document-based writing. All students enrolled in an AP course will be required to take the AP exam administered at the end of the school year. Current cost of the exam is $89 and must be paid through the bookstore.

The AP program combines rigorous coursework with a standardized exam. “AP can change your life.” Through college-level AP courses, you enter a universe of knowledge that might otherwise remain unexplored in high school; through AP Exams, you have the opportunity to earn credit or advanced standing at most of the nation’s colleges and universities.” Anyone can take an AP test. Students do not have to take an AP course before they take the test; however, the completion of an AP course taught by a certified AP teacher dramatically improves students’ results. The AP test is given in May, and students receive their results in 3-5 months (typically sometime in Aug.) If a student earns 4-5 on the AP test, he can earn college credit. Students who take AP courses/test are well prepared for the college setting and tend to be more successful in college than students with no AP experience.
DUAL ENROLLMENT (DE)

LHHS offers a comprehensive DE program connected with Mohave Community College (MCC) and Arizona Western College (AWC). All students enrolled in a DE class are dually enrolled for LHHS credit and either MCC or AWC credit.

MCC DE: MCC Dual Enrollment classes offered at LHHS use MCC-approved curricula and textbooks and are taught by qualified LHHS instructors at the high school during the regular school day. Students will be awarded high school credit upon successful completion of a DE class which will be listed on the student’s transcript as a LHHS class. The student will also be awarded credit through MCC if the student completes the course with a “C” or better, which will be posted to the student’s MCC transcript. Please see “DUAL ENROLLMENT INFORMATION” on next page for more details.
DUAL ENROLLMENT INFORMATION

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

Why Dual Enrollment?
The Dual Enrollment Program allows students to:
- Enroll in college courses taught at their high school.
- Earn college credits while taking high school courses.
- Transition from high school to college more easily.
- Receive a quality college experience in a familiar and comfortable environment.
- Earn credits that transfer to colleges and universities which 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.

How do I enroll in Dual Enrollment?
- Review the course offerings with a LHHS Counselor; fill out a course pick sheet during pre-registration; review LHHS honors prerequisites for placement into a DE course.
- Fill out an MCC online application; Instructions are given by School Counselors during pre-registration.
- Take (and score at the necessary level) the Compass test (different programs/classes have different score requirements).
- Attend an MCC Orientation to complete required registration paperwork.

Dual Enrollment Timeline:
February - April:
- Students meet with LHHS counselors to review available options for the following school year.
- Students receive Dual Enrollment registration paperwork to qualify for classes.
- Student Responsibilities:
  - Complete online application for MCC
  - Take and (and score at the necessary level) COMPASS test
  - Attend an MCC Orientation
  - Complete Registration paperwork at MCC Orientation
- Students select and complete Pre-registration “Pick Sheet” to LHHS Guidance Office during pre-registration
- All paperwork, COMPASS testing and pre-registration materials must be submitted and completed prior to the end of April for students to qualify for any Dual Enrollment class the following school year.
Dual Enrollment 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.

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 Guidance Office and may take 1-2 days to process.
- Unofficial MCC transcripts can be accessed and printed through the student’s ANGEL 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.”
DUAL ENROLLMENT COURSE OFFERINGS

Lake Havasu High School departments offering at least one Dual Enrollment course:

- BUSINESS MANAGEMENT
- WEBPAGE DEVELOPMENT
- ENGLISH
- FINE ARTS
- HEALTH SERVICES
- FOREIGN LANGUAGE
- MATH
- SCIENCE
- SOCIAL STUDIES

For more information please refer to the course listings in each department.

MCC phone number to arrange Compass Testing: 505-3389 or 680-5946
## COURSE SEQUENCING: CORE SUBJECTS

*(ADDITIONAL ELECTIVE OPTIONS AVAILABLE, PLEASE SEE GUIDE)*

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<th>Honors English</th>
<th>General Math</th>
<th>Honors Math</th>
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<td>• English 1-2; or Read 180 1-4</td>
<td>• H English 1-2</td>
<td>• Alg. 1-2</td>
<td>• Alg. 1-2 (in MS)</td>
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<tr>
<td>• English 3-4</td>
<td>• H English 3-4</td>
<td>(or 1a/1b and 2a/2b)</td>
<td>• H Geometry 1-2</td>
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<td>• English 5-6</td>
<td>• H English 5-6</td>
<td>• Geometry</td>
<td>• H Algebra 3-4</td>
</tr>
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<td>• English 7-8</td>
<td>• DE H ENG 101, 102</td>
<td>• Algebra 3-4</td>
<td>• DE MAT 151, 181</td>
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<th>General Social Studies</th>
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<td>• Alg. 1-2 (or 1a/1b and 2a/2b)</td>
<td>• H Geometry 1-2</td>
<td>• World History/Geog. 1-2</td>
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<td>• Geo. 3-4</td>
<td>• Geometry</td>
<td>• US/AZ History 1-2</td>
<td>• H DE US/AZ History 1-2</td>
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<tr>
<td>• Alg. 3-4</td>
<td>• Algebra 3-4</td>
<td>• Civics</td>
<td>• AP H US Government</td>
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<td>• Pre-Calculus</td>
<td>• Pre-Calculus or Math of Money</td>
<td>• Economics</td>
<td>• AP H Macroeconomics</td>
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<td>• Math of Money</td>
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<table>
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<th>Honors Science</th>
<th>General Social Studies</th>
<th>Honors Social Studies</th>
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<tr>
<td>• General 1-2; or Life 1-2; or Physical 1-2; or Biology 1-2</td>
<td>• H Biology 1-2</td>
<td>• World History/Geog. 1-2</td>
<td>• H World History/Geog. 1-2</td>
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<tr>
<td>• Chemistry 1-2</td>
<td>• H Chemistry 1-2</td>
<td>• US/AZ History 1-2</td>
<td>• H DE US/AZ History 1-2</td>
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<tr>
<td>• Geology 1-2 or Anatomy 1-2</td>
<td>• DE BIO 181, 182; or ADV. AP H Chem 1-2; or H Physics 1-2</td>
<td>• Civics</td>
<td>• AP H US Government</td>
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<tr>
<td></td>
<td></td>
<td>• Economics</td>
<td>• AP H Macroeconomics</td>
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SCHOLARSHIP and FINANCIAL AID INFORMATION

The basic purpose of a financial aid program is to assure that no student is denied a college education due to lack of funds. Most people in our society agree that the family has the primary responsibility for a student’s education beyond high school, but for families who cannot afford the entire cost of a college education, financial aid can help defray the expenses. Financial aid is available to those students who qualify for it. The following are types of financial aid usually offered by colleges, universities and some trade, technical and business schools.

General or Academic Scholarships
Selection for a general or academic scholarship is based on academic performance, grade average, SAT and/or ACTS scores, rank in class, academic promise, leadership, and sometimes need. Students should apply for university admission and scholarships during the first semester of the senior year. October 1 is a realistic deadline for university applications. Class of 2015: Students who accomplish “exceeds standards” on all three AIMS tests, have no C’s in the 16 core areas, 3.5 GPA, and either a 28 ACT or 1300 SAT, may qualify for a partial tuition waiver for in-state universities.

Department and Activity Scholarships
Selection of departmental or activity scholarships is based on a skill and/or talent. The activities include athletics, music, drama, journalism, art, etc. The departments include Engineering, Math, Nursing, etc. Applications for these scholarships should be directed to the departmental chairperson for the college you wish to enter. The amount of the departmental or activity scholarship usually depends on the amount of talent or skill you demonstrate. The minimum scholarship usually consists of a waiver for the tuition fees. If you demonstrate considerable talent or skill, and have a financial need, additional funds may be allocated for books or room and board.

Grants
A grant is aid based upon financial need that is given to the student to meet his/her college expenses and never has to be repaid. Students must remain in school in order to be eligible for the grant. The Federal grants and loans described below require the FAFSA (Free Application for Federal Student Aid) form, available in January of each year. (At LHHS they are located in the Career Center or online at www.fafsa.ed.gov).

Federal Pell Grant - This grant requires financial need; there is no obligation to repay; students must attend full-time; grants range from $400 to $5,635 per year, based on 2013-2014 year.

Loans (Programs of Borrowing)
Loans are borrowing programs that allow a student to borrow money at a very low interest rate to meet his/her college expenses. In most cases, repayment is deferred until after the student has completed his/her education or left school. There are two major types of loan programs (others are also available):

Federal Perkins Loans - Any student is eligible to apply; selection is based on need; no payment until after graduation; interest accrues on loan after graduation; cancellation benefits available for military service, teaching in poverty areas, and special education. You must repay this loan.
Federal Stafford Loans - Variable interest not to exceed 8.25%; no payments until after graduation; interest paid by federal government until graduation for students who can demonstrate financial need.
Veterans: Dependent students may be able to receive lower interest rates on loans. Visit with a University Veterans Affairs Representative.

College Work Study Employment
Work study is a means by which a student can meet his/her expenses by working for the college he/she is attending. FAFSA is required. Work study requires financial need; employment may be on or off campus. Jobs include typists, paper graders, teacher aides, lab work, etc.

Local (within Arizona) and National Scholarships
Each year a number of scholarships ranging from $100 to $5,000 are awarded by local organizations. Sponsoring agencies make the selections from the LHHS/Community Scholarship Application form or may use their own personal application. Scholarship applications are received by the high school from companies or organizations not only in Arizona but from across the U.S. as well. Students are encouraged to apply for any scholarship for which they feel they might be eligible. Information and application forms are available in the Career Center. Check out fastweb.com for additional scholarship opportunities.
TALK ABOUT THE OPTIONS WITH YOUR STUDENT!

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

4-YEAR HIGH SCHOOL CHECK LIST

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

9th Grade -- Freshman Year
- Create a portfolio via AZCIS to include the following documents and notes:
  - Copies of report cards
  - List of awards and honors
  - List of school and community activities in which you are involved, including both paid and volunteer work, and descriptions of how you were involved
- Use your portfolio to start your resume. Update your resume each year. Your resume will come in handy when applying for scholarships, looking for a job or applying to college.
- Get involved in school. Participate in extracurricular activities. Join a club or participate in community service activities.
- The school counselors will meet with freshmen to complete the 4-year course planner. Inquire about Honors and CTE classes.
- Explore careers and complete career interest assessments, explore educational options
- Start researching colleges or technical trade schools and entrance requirements
- SAT 10 (spring)
- Beginning high school with good study habits and good grades will set you on the path to success.
- Visit the Career Center to become familiar with the resources available.

10th Grade -- Sophomore Year
- Talk to your school counselor - review your 4-year course plan - Ask about AP, Honors, dual enrollment courses, and elective options such as: computer, drafting, foreign language, art and more
- Discuss college or technical/vocational school entrance requirements.
- Update portfolio via AZCIS-keep track of accomplishments, awards and honors, leadership activities and sports activities. Keep your resume current.
- Continue to participate in extracurricular activities
- Take the PLAN in the fall. This is a Pre-ACT practice test for sophomores only.
- Take the PSAT in the fall. Sophomores can take the PSAT for practice.
- Explore career possibilities and what education and skills are needed.
- Explore options after high school: college, university, technical school, military, on-the-job training, and apprenticeships
- PARCC (spring)
- Work keys testing in Career Center
- Spring semester: Take the Compass test at the high school or Call MCC at 505-3389 and arrange to take the Compass test so that you can qualify to take dual enrollment classes your junior year. Scores must be provided to your LHHS counselor by May 1.

11th Grade -- Junior Year
- Maintain grades - stay involved in activities
- Continue career exploration - Sign up to Job Shadow a career you are interested in leaning more about.
- Attend college rep presentations, career presentations, or investigate military options
- Talk to your school counselor
- September: Register for the PSAT exam offered in October (scholarship opportunities)
- Review your PSAT results with your counselor
- Obtain schedules and forms for the SAT Reasoning Test, SAT Subject Tests, ACT, and AP exams
- Spring: Take ACT, SAT, AP Tests
- Update your resume - use your AZCIS portfolio to assist you
- Tour college campuses to further narrow list of colleges
- Retake AIMS if have not passed yet or want to improve your score, class of 2015 and 2016 only
- November: Take the ASVAB (Armed Services Vocational Aptitude Battery) *If considering the military, the ASVAB is mandatory. Begin to talk with the military recruiters regarding career and education opportunities. ASVAB is an excellent tool for career exploration.
- If you did not take dual enrollment classes your junior year, you may be eligible for senior year options. Talk to your school counselor.
Summer Between Junior and Senior Years:
- Review college applications, especially the essay
- Decide about applying under early decision or early action programs
- Read college mail and send reply cards to schools of interest
- Update your resume via AZCIS
- Start searching and applying for scholarships
- Begin writing your personal essay (especially for out of state University)
- Student athletes wishing to participate in university level athletics need to register for the NCAA Clearinghouse
- If not university bound, explore other options: two-year college, technical/vocational school, military, or on-the-job training. Start to create your plan so, upon graduation, you have a clear picture of what you'll be doing next.

12th Grade -- Senior Year

September:
- Complete college applications or technical trade school registration process
- Register for SAT Reasoning Test, SAT Subject Test, and ACT - have this completed by December 1
- Check transcripts to make sure you are on track and to see if you have passed all AIMS tests
- Apply for scholarships - stop by the Career Center often to pick up new scholarship applications
  Do NOT limit your scholarship search. Apply for all scholarships that you are eligible for. Make time each week to complete scholarship applications. Don’t forget to check the schools that you are applying to...they may have school, department, and/or alumni scholarships. Also, don’t forget to check with your parents/guardians employers, church, work place, restaurants, department stores, banks, etc.
-Double-check the requirements and deadlines for colleges or technical trade schools, and apply to them
- Consider early decision and early action applications due between October 1 and November 1

October:
- Complete college applications
- If needed, take SAT or ACT tests and have the official scores sent to colleges and universities

November:
- Submit final college admission applications
- Take the ASVAB if you want to retake it or take it for the first time
- If military bound speak with a recruiter to learn your options

December:
- Watch for early decision replies
- Make sure official test scores are being sent to the colleges

January:
- For financial aid purposes, make sure parents completed income tax forms
- FAFSA time! FAFSA (Federal Application for Free Student Aid) Forms are available in the Career Center or go to FAFSA on the Web. All seniors are eligible for some form of financial aid.
- Request for the high school registrar to send your official transcript to the colleges you've applied to
- Contact the admission office(s) to make sure that information has been received

February:
- The sooner you complete the FAFSA, the sooner you will receive the Student Aid Report (SAR)
- Complete scholarship applications
- Contact the financial aid office(s) to make sure that your information has been received
- For assistance with completing the FAFSA, attend College Goal Sunday (details available in the Career Center)

May:
- Take AP exams for any AP subjects studied in high school.
- GRADUATION!
Career Center

The LHHS Career Center is an excellent place for students to explore the career-planning process. The Career Center provides up-to-date, accurate information on post-secondary institutions, scholarships, jobs and more. For current information on Career Center happenings along with valuable news and information, look to “The Edge” newsletter featuring career guidance, PLAN, PSAT, SAT and ACT test dates, guest speaker presentation dates, military information and news regarding national, state and local scholarships. Students are encouraged to visit the Career Center frequently in order to get acquainted with the facility and utilize the resources available.

 Plug in to your future...visit the Career Center today!
 Parents are welcome, too!

The Career Center provides information on:

- College, University, Vocational and Technical Schools
- AP Testing
- Scholarships
- Job Interview and Resume Writing
- CTE Internships
- CTE Assessment
- WorkKeys
- College Placement Tests: PLAN, PSAT, SAT, ACT
- Financial Aid
- Occupations
- Military

The Career Center provides the following programs and services:

- **Apprenticeship** - Electrical & HVAC; For seniors interested in working & earning industry certification

- **Community Scholarship** - For seniors pursuing a post-secondary 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 reps from many different schools

- **Career, College/University, & Military Guest Speakers** - 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? Let us research for you.

  The EDGE Career Center newsletter can be found on the LHHS homepage
Lake Havasu High School Students 2014-2015

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

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

Your current skill level for the workforce will be identified as a result of this assessment...

WorkKeys!

You will be able to...

✓ Document employability skills
✓ Provide employers with evidence of skills attained
✓ Identify personal education and training needs
✓ Link education and training with employment
✓ Document skill development over time
✓ Identify jobs for which current preparation is sufficient
✓ Explore appropriate career paths
✓ Target training to skill needs
✓ Upload your certificate onto AZCIS (your electronic portfolio)
Our high school is a partner in the Western Arizona Vocational Education District #50. This is a joint technology educational district that supports Career and Technical Education programs. Being a member of a JTED allows our school to have additional funds from local and state taxes. The schools that participate in the JTED are Lake Havasu High School, Kingman High School, Mohave High School, Parker High School and River Valley High School. JTED 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 student career organizations may also benefit from the JTED funds.

The JTED courses that are identified in the catalog are eligible for WAVE JTED 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 and dual credit classes through the JTED courses contact your CTE teachers or the Career Center.
CONCURRENT ENROLLMENT

Through a partnership with MCC and AWC, we are able to offer students the chance to be concurrently enrolled in both a full set of HS classes and a portion of MCC classes where the student will receive credit at both the HS and College level.

NURSING ASSISTANT PROGRAM (CNA)

Senior LHHS CTE Health Services students who have completed the Dual Enrollment class “Intro to Healthcare” with an “A” or “B” will have the opportunity to be accepted into this one semester course. This course is a partnership between WAVE-JTED and Mohave Community College. Students will take the Mohave Community College NUR115 Nursing Assistant 6-credit course (80 classroom hours/40 clinical hours) designed to prepare LHHS students to take the Arizona Board of Nursing Assistant Certification Exam.

Selected LHHS students will receive 6 MCC credit hours and 1 high school elective course credit. The classroom component of the course is instructed off-campus at the Mesquite Avenue Center (MAC) at 1795 Civic Center Blvd and will occur on a week night. The clinical component is arranged with local health care agencies and will occur on selected Saturdays.

As you may be aware, it is very expensive to take and complete this course. WAVE-JTED has agreed to pay for approximately 75% of the required costs for selected LHHS students. Please see your LHHS counselor or the Career Center for more information.
LAKE HAVASU UNIFIED SCHOOL DISTRICT  
DISTRIBUTION OVERVIEW 2014-2015  
A.D.E. Approved Program/Course Sequenced for Career & Technical Education

### ARTS, COMMUNICATIONS & HUMANITIES

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Intro Studio Arts</td>
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</tr>
<tr>
<td>Tech Theatre</td>
<td>1/2</td>
</tr>
<tr>
<td>Intro Music &amp; Audio</td>
<td>1</td>
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<tr>
<td>Tech Journ</td>
<td>1</td>
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<tr>
<td>Intro BMAS</td>
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<td>DE-BUE101</td>
<td>1</td>
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<tr>
<td>DE-ART111</td>
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<td>Adv Portfolio (Spring)</td>
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### BUSINESS SYSTEMS

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<tr>
<td>Intro Advert</td>
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<td>Adv &amp; Public Relations</td>
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### ENGINEERING & INFORMATION TECH

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Intro Auto Tech</td>
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<tr>
<td>Intro Cabinet-making</td>
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<tr>
<td>Drafting Tech</td>
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<td>Software Dev</td>
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<td>Webpage Dev</td>
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### HEALTH SERVICES

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Allied Health Biology</td>
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### SOCIAL & HUMAN SERVICES

<table>
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<tr>
<th>Course</th>
<th>Credit</th>
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<tbody>
<tr>
<td>Intro Early Childhood</td>
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<tr>
<td>Edu Design</td>
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<td>&amp; Merch</td>
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### CERTIFICATIONS

- **DE-HES113**: Fall  
- **DE-HES129**: Spring  
- **DE-CIS143**: Fall  
- **DE-CIS145**: Fall  
- **DE-CIS243**: Spring  
- **DE-CIS245**: Spring  
- **CE-PEM202**: Spring  
- **CE-HVAC**:             
- **CE-C.I.S.**            
- **CE-Nursing Ass'**      
- **CE-Culinary**          
- **CE-Fire Science**

### LEADERSHIP

- International Thespian Society
- Int'l Thespian Society
- StuCo
- Little Knights

### PRODUCTIONS

- Knight Life
- CERTIFICATIONS: SkillsUSA

### ELECTIVES

- Musical Theater, Act 3/4
- Fabrics for Design
- Nutrition & Wellness
- Fashion Merchandising

### NOTATIONS

- * = Semester class
- DE = Dual Enrollment
- CE = Concurrent Enrollment
The Lake Havasu High School Film 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 as a whole, 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) as well as 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 Lake Havasu High School Film and Audio Technology Program is academically rigorous and demanding, but also extremely fun, creative, and rewarding for the student. 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 the student to obtain collegiate scholarship assistance and grants.

INTRODUCTION TO FILM AND AUDIO TECHNOLOGY 1-2

Prerequisite: None

Fee: $20.00

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

*SkillsUSA* Studio Club- Audio* Studio Club- Video*

(Fine Arts Credit)
INTERMEDIATE FILM AND AUDIO TECHNOLOGY 1-2  
Prerequisite: Introduction to Film and Audio Technology  
Fee: $20.00

This course is a continuation of Introduction to Audio Visual Technology. The technology and techniques used in creating sound tracks 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, including analog and both linear and non-linear digital recording and editing systems. Students will 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.

*SkillsUSA* Studio Club- Audio* Studio Club- Video*

ADVANCED (A) FILM AND AUDIO TECHNOLOGIES 1-2  
Prerequisite: Intermediate Audio Visual Technology and Teacher Recommendation  
Fee: $20.00

This course is an advanced continuation of Intermediate Audio/Visual Technology 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.

*SkillsUSA* Studio Club- Audio* Studio Club- Video*

ADVANCED (B) FILM AND AUDIO TECHNOLOGIES 1-2  
Prerequisite: Advanced (A) Audio Visual and Teacher Recommendation  
Fee: $20.00

This course is an advanced continuation of Advanced (A) Audio Visual. It is for students interested in entering this career pathway. This course will cover advanced audio and video technology and professional techniques in both fields. Emphasis will be placed on image quality, broadcast specifications, and multi-system audio recording and video editing. Professional-quality video cameras will be covered. Industry career opportunities will be presented and discussed with invited guests. Students will have the opportunity to participate in SkillsUSA.

*SkillsUSA* Studio Club- Audio* Studio Club- Video*
C.T.E. INTERNSHIP - FILM AND AUDIO TECHNOLOGY 0.5 credit

Paid or Unpaid

Prerequisite: - Senior (minimum age 16)
-Must be CTE student & have completed (with a “C” or better) or currently be enrolled in the following CTE program: AUDIO-VISUAL (Brindis)

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*
INTRODUCTION TO JOURNALISM 1-2
1.0 credit
Prerequisite: Recommendation from 8th grade English teacher or high school English teacher for student who has excellent work ethic, enjoys writing, and has a solid grasp of grammar
Grade of “B” or better in English and 8 or fewer absences
Application required and submitted to school counselor

The beginning journalism class is intended to introduce students to the journalistic writing process through comprehension of course text and stylebook. Students will then apply their learning by producing original work that involves independent research, interviewing and writing. Students are expected to become familiar with all phases of newspaper production including planning, writing, page design, photography, typesetting and copy editing. The intent of this class is to prepare students for the Advanced Journalism class in which the school newspaper Knight Life is produced. 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.

INTERMEDIATE JOURNALISM 1-2
1.0 credit
Prerequisite: Fundamentals of Journalism 1-2
Grade of “B” or better in English and 8 or fewer absences

The Intermediate Journalism course assists in publishing several newspapers, both in print and online. The course incorporates extensive research skills; investigative reporting; expository, argumentative, and journalistic writing skills; the writing process; and problem solving techniques. Students, working as reporters, will come together as a collaborative team to brainstorm school issues, select articles, interview, complete the article writing process, and develop photography skills including photo-editing, shooting, and digital photography. 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.

*Knight Life* *SkillsUSA*
ADVANCED JOURNALISM 1-2  
1.0 credit

Prerequisite: Intermediate Journalism 1-2

Grade of “B” or better in Intermediate Journalism and English 8 or fewer absences

The Advanced Journalism course publishes several newspapers, both in print and online. In addition to the intermediate coursework, students, working as editors, will assign stories, create layouts, copyedit, maintain a working budget, and market the paper. In addition, the staff is also comprised of photographers and artists who are responsible for the visual and promotional aspects of the paper. Additionally, students will develop broadcasting skills and techniques. 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.

*Knight Life* *SkillsUSA*

C.T.E. INTERNSHIP-ELECTRONIC JOURNALISM  
0.5 credit

Paid or Unpaid

Prerequisite: - Senior (minimum age 16)
- Must be CTE student & have completed (with a “C” or better) or currently be enrolled in the following CTE program: ADVANCED JOURNALISM (Norman)

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*
ACTING 1-2

1.0 Credit
Prerequisite: None

Fee: $5.00

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

ACTING 3-4

1.0 Credit
Prerequisite: Acting 1-2 and Directors’ approval by audition ONLY

Fee: $5.00

In this one year course students will increase their appreciation of and additional experience in theater as an art form. The student will act, direct, or be technically involved in scenes, one-act plays or full length production. They will read, write and evaluate plays as well as view and critique electronic and live performances. Career opportunities and further schooling will be explored. Through creating theater, students will grow in their ability to comprehend the world and to communicate with others.

MUSICAL THEATER 1-2

1.0 credit
Prerequisite: 9th-12th grade; Directors’ approval by audition ONLY

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.

TECHNICAL THEATRE/DESIGN 1-2

1.0 Credit
Prerequisite: None

Fee: $20.00

This course is designed to give the student hands-on training in all aspects of technical theatre. From stagecraft to costume design, students will learn the skills it takes to create professional quality productions. (Projects include: costume design, sound design, make-up, scenery construction, scene painting, lighting design, stage management, directing, and promotions.)

TECHNICAL THEATRE/DESIGN 3-4

1.0 Credit
Prerequisite: Technical Theatre/Design 1-2, an interview and Director’s approval

Fee: $20.00

This course is a continuation of the Technical Theatre/Design I/II course. It is designed to give the student continued hands-on training in all aspects of technical theatre. (Projects include: costume design, sound design, make-up, scenery construction, scene painting, lighting design, stage management, directing, and promotions.)
INTRODUCTION TO STUDIO ARTS AND GRAPHIC DESIGN 1-2  1.0 Credit

Prerequisite: None

Fee: $20.00

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.

INTERMEDIATE STUDIO ARTS AND GRAPHIC DESIGN 1-2  1.0 Credit

Prerequisite: Introduction to Studio Arts and Graphic Design 1-2

Fee: $20.00

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 over view 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 art work. Adobe Photoshop and Illustrator play an integral role in the creative process in the course.

ADVANCED STUDIO ARTS AND GRAPHIC DESIGN 1-2  1.0 Credit

Prerequisite: Intermediate Studio Arts and Graphic Design 1-2

Fee: $20.00

This is a one year course designed around expanding on the basic techniques learned in Sculpture & Ceramics or Drawing & Painting. 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.
**DE ART 111 (H)**

*(1st Semester Only)*

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<th>MCC</th>
<th>LHHS</th>
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<td>3.0 credit hrs</td>
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**Prerequisite:** 3.0 GPA in Intermediate Drawing and Painting

Qualifying MCC compass score by Spring Deadline (Reading 70)

Design 1 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. Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.

**ADVANCED PORTFOLIO (2ND Semester Only)**

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**Prerequisite:** 3.0 GPA in Intermediate Drawing and Painting

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.

**C.T.E. INTERNSHIP- GRAPHIC DESIGN/ART**

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**Paid or Unpaid**

**Prerequisite:**
- Senior (minimum age 16)
- Must be CTE student & have completed (with a “C” or better) or currently be enrolled in the following CTE program: Art 111 or ADV. Design (Robertson)

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*
BUSINESS SYSTEMS

BUSINESS MANAGEMENT AND ADMINISTRATIVE SERVICES (BMAS)

FUNDAMENTALS OF BMAS  
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 be 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.

INTRODUCTION TO BMAS 1-2  
1.0 credit  
Prerequisite: Fundamentals of BMAS, Grade of “C” or better  
Fee: $20.00

This year long course will focus on Business Technology, Business and Financial Management Practices, Personal Finance, Financial Analysis, Legal and Ethical Issues, General Management Practices and Problem Solving needed for Business Management. Expanded coursework will include The Teen Entrepreneur, an Integrated Computer Applications and Entrepreneurship Simulation designed to teach entrepreneurship and how to create a comprehensive business plan for a self-chosen teen-based business. Included will be integration of computer software such as Microsoft Office Suite, use of Internet and Adobe Suite CS4 as tools for development and research. 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. Advanced oral communication skills will be learned through class presentation of projects and public speaking events, i.e. FBLA (Future Business Leaders of America).

*FBLA*
DE BUE 101 (H) - Intro to Business

**Prerequisite:** Junior or Senior

*Introduction to BMAS*

*Teacher Recommendation “C” or better to continue the following semester*

*Qualifying MCC compass score by Spring Deadline (Reading 74, Writing 70)*

**Fee:** $20.00

**MCC**

- 3.0 credit hrs

**LHHS**

- 0.5 credit

DE BUE 275 (H) – Effective Leadership for Entrepreneurs

**Prerequisite:** Junior or Senior

*Introduction to BMAS*

*Teacher Recommendation “C” or better to continue the following semester*

*Qualifying MCC compass score by Spring Deadline (Reading 74, Writing 70)*

**Fee:** $20.00

**MCC**

- 3.0 credit hrs

**LHHS**

- 0.5 credit

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

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

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

*If BUE 275 isn’t offered, the class will become ADV. BMAS*

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**ADVANCED (B) BMAS 1-2**

**Prerequisite:** Introduction to BMAS 1-2

*Teacher Approval*

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

**Fee:** $20.00

**MCC**

- 1.0 credit

**LHHS**

- 0.5 credit

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**C.T.E. INTERNSHIP-BMAS**

**Paid or Unpaid**

**Prerequisite:** - Senior (minimum age 16)

- Must be CTE student & have completed (with a “C” or better) or currently be enrolled in the following CTE program:

  **BMAS (Denny)**

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*
INTRO TO ADVERTISING AND PUBLIC RELATIONS/STUDENT GOVERNMENT 1-2
1.0 credit

Prerequisite: By election and compliance with qualifications
*9th and 10th grade students enrolled in Introduction course

Students enrolled in this class will gain experience and knowledge in self-government, promote good citizenship, encourage participation in school activities, regulate and coordinate these activities, promote a feeling of unity and spirit among the student body, and encourage communication among students. CTE standards for advertising and public relations will be incorporated and focused around the creation of sales, public relations, and advertising campaigns.

ADV. ADVERTISING AND PUBLIC RELATIONS/STUDENT GOVERNMENT 1-2
1.0 credit

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

Students enrolled in this class will gain experience and knowledge by actively leading and promoting good citizenship, encouraging participation in school activities, regulating and coordinating these activities independently, promoting unity and spirit among the student body, and encouraging communication among students. CTE standards for advertising and public relations will be incorporated and students will execute a sales plan, and public relations and advertising campaigns.
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.

**FUNDAMENTALS OF ENGINEERING-AUTOMOTIVE** 0.5 credit

*Prerequisite:* None

*Fee:* $10.00

In this semester long course, students will participate in learning the fundamental principles and basic components of the internal combustion engine. There will be two modules starting with an introduction to small engine repair which includes safety in the shop, tools, measuring instruments, engine construction, and principles of engine operation, all utilizing two and four stroke cycle engines. Students explore engine performance by studying basic Cooling, Lubrication, Fuel, Exhaust & Governor Systems, as well as the fundamentals of carburetion. The second module will introduce fundamentals of electricity including Ohm’s law, series and parallel combination of circuits, electromagnetism and magnetic lines of flux. These principles will be applied to Ignition, Starting & Charging systems as well as various trouble shooting techniques.

**INTRODUCTION TO AUTOMOTIVE TECHNOLOGY 1-2** 1.0 credit

*Prerequisite:* Fundamentals of Automotive, Grade of “C” or better

*Instructor Approval*

*Fee:* $20.00

This course is designed to develop an understanding of the Automotive Technology field 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.

*SkillsUSA*
### INTERMEDIATE AUTO TECH 1-2
**1.0 credit**

**Prerequisite:**  
*Junior or Senior*

*Introduction to Auto Tech 1-2, Grade of “C” or better*

This course is for the Automotive Technology student who wants to pursue an automotive-related career. 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.

*SkillsUSA*

### ADVANCED AUTOMOTIVE TECH 1-2-3-4
**2.0 credits**

**Prerequisite:**  
*Senior*

*Intermediate Auto Tech, grade “C” or better*

This two-hour course is designed to develop an understanding of the Automotive Technology field. 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. Students will have the opportunity to participate in SkillsUSA.

### C.T.E. INTERNSHIP-AUTOMOTIVE TECHNOLOGY  
**0.5 credit**

**Paid or Unpaid**

**Prerequisite:**  
*- Senior (minimum age 16)*  
- Must be CTE student & have completed (with a “C” or better) or currently be enrolled in the following CTE programs:

*AUTOMOTIVE (Andrews)*

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*
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 blue print 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.

**FUNDAMENTALS OF ENGINEERING- CABINETMAKING**  
*0.5 credit*

*Prerequisite: None*

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.
INTRODUCTION TO CABINETMAKING 1-2
Prerequisite: 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.

*SkillsUSA*

ADVANCED CABINETMAKING 1-2-3 -4
Prerequisite: Introduction to Cabinetmaking, 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.

*SkillsUSA*

C.T.E. INTERNSHIP-CABINETMAKING
Paid or Unpaid
Prerequisite: Senior (minimum age 16)
-Must be CTE student & have completed (with a “C” or better) or currently be enrolled in the following CTE program:

CABINETMAKING (Shafer)

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*

35
The Lake Havasu High School Drafting Technology Program (DTP) is designed to provide incoming students with the training necessary to secure employment in the drafting field as a whole, with an emphasis on basic architecture the last 1 ½ years. Graduates who finish all 3 ½ years of the program will be “very employable” directly out of high school or well prepared to continue their education in drafting or pursue employment in the field. This program has also been recognized by the American Design Drafting Association (ADDA), with the distinct honor of being 1 of 12 high schools in the entire U.S. with their Curriculum Certified by the ADDA. This means that when students take the ADDA certification test and pass with a minimum required score of 75%, they will then be recognized as a Certified Architectural Draftsman and receive a certificate from ADDA. This will then allow the student to put CD (Certified Drafter) behind their name. This can then be shown to any prospective employer thus putting LHHS DTP students in a league of their own.

Disciplines addressed in the program are: mechanical drafting (Geometric Constructions, Multi-views, Pictorials, Pattern Layout, Dimensioning, Sections, Auxiliaries, and Exploded Views), and architectural drafting. All are addressed in the context of both manual and computer-aided-drafting (CAD) techniques, although there is a definite emphasis on CAD. Equally important to the entry level drafter are communications, mathematics, leadership, management, computer applications, and job-seeking skills. These are all addressed during the program that results in a career ready individual.

The DTP is one of the premier high school drafting programs in the state and is able to offer every student in the course their “own” Board and CAD workstation. LHHS DTP continues to be concerned with staying on the leading edge of drafting technology. The facilities are among the best in the state. An advisory committee of respected industry representatives keeps the program current to industry needs and standards.

The Lake Havasu High School Drafting Technology Program is academically rigorous and demanding. Students need to keep in mind that upon the completion of the fundamentals class, students will need to maintain a “B” grade or better and must be invited by the instructor to continue their involvement in the program. Students must maintain a “C” grade or better and be invited by the instructor to continue in the program after the Intro and Intermediate classes. Aptitudes required for the drafting program include: mathematics interest and skill; eye for detail with visual perception; creativity, free thinking; self-motivation and ambition; verbal and written communications fluency; meticulous, precise, “finicky” pride in work.
### FUNDAMENTALS OF ENGINEERING- DRAFTING

**0.5 credit**

**Prerequisite:** None

Fee: $10.00

This semester-long course explores the fundamentals in the field of drafting and design. The course provides the necessary basic skills to become successful in the mechanical world of drafting. Students will have the opportunity to explore careers in drafting, demonstrate appropriate work habits, learn the principles of industry, apply problem solving procedures, demonstrate technological literacy, practice (sketching, drawing, and visualization), and develop a plan for a career in drafting and design. The course also includes sections in: lettering, line work, line quality, line types, scale reading, identifying basic drafting equipment, drawing layout, multi-views, pictorials (obliques and isometrics), dimensioning and a final assembly drawing of an actual model rocket with the opportunity to build an actual model rocket from the drawings if time permits.  
*This course is academically rigorous and requires students to work hard, keep good attendance, and study for tests to get the most out of the class.*

### INTRODUCTION TO DRAFTING TECHNOLOGY 1-2

**1.0 credit**

**Prerequisite:** Fundamentals of Drafting, Grade of “B” or better

**Instructor Approval**

Fee: $20.00

This year-long course explores the mechanical world of drafting, including lettering, line work, geometric figures, orthographic (3-view) drawings, obliques, isometrics, pattern layout, dimensioning, sections, auxiliary views and exploded views. The majority of the class time will be spent utilizing the latest computer-aided-drafting (CAD) software to draw the above mentioned facets of drafting on the computer. Students will complete a six-week unit of architectural drafting with emphasis on floor plan fundamentals, IRC code implementation, and basic plan requirements. Students will have the opportunity to participate in the student organization SkillsUSA.

*SkillsUSA*

### INTERMEDIATE DRAFTING 1-2

**1.0 credit**

**Prerequisite:** Junior or Senior

Introduction to Drafting, grade “C” or better

**Instructor Approval**

Fee $20.00

Intermediate Drafting with CAD is a continuation of Introduction to Drafting, designed for students who plan to enter a drafting related field. Through the use of computer-aided-drafting (CAD), students will incorporate the skills learned in intro drafting to aide them in the drawing of complex mechanical parts as well as a full set of basic architectural plans using the latest in architectural CAD software. Students will also learn basic and advanced CAD functions that will aide them throughout the year and into the advanced drafting class. Students will have the opportunity to continue their participation in SkillsUSA as well as work on proper work attitude and job-finding skills.

*SkillsUSA*
ADVANCED DRAFTING 1-2-3-4

2.0 credit

Prerequisite:  
Junior or Senior  
Intermediate Drafting, grade “C” or better  
Teacher Approval

Fee $40.00

Course Description: This two-hour course is a continuation of Intermediate Drafting Technology 1-2 and provides the opportunity to become a Certified Drafter through the American Design Drafting Association (ADDA). This class also contains a unit on job finding skills, resume writing, and proper interviewing techniques. Completion of this course will provide students with entry level job skills for those students pursuing a career in either architecture or engineering.

* SkillsUSA*
* ADDA Certification*

C.T.E. INTERNSHIP-DRAFTING 0.5 credit

Paid or Unpaid

Prerequisite:  
Senior (minimum age 16)  
Must be CTE student & have completed (with a “C” or better) or currently be enrolled in the following CTE programs:

DRAFTING (Aranguena)

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*
Lake Havasu High School
Software Development
Program Outline

The Lake Havasu High School Software Development is designed to provide incoming students with the training necessary to allow the student to sit for their national Microsoft certification and become a Microsoft Certified Personal (MCP) in Software Development. This certification grants them an advantage in the work forces and gives a solid to start in software engineering. As stated by Harvard University Pathways to Prosperity (Feb. 2011)

| 27% of people with post-secondary licenses or certificates-credentials short of an associate's degree-earn more than the average bachelor’s degree recipient. |

Students can start the (3) year program their freshman or sophomore year. The student’s start year is based on the student’s math skill. The student must have completed Algebra 1-2.

Disciplines addressed in the program are: Core programming concepts, Object-oriented design and programming, general software development strategies and practices, Understanding Web applications, Understanding Windows Forms and console-based applications, and Understanding relational database systems. Equally important to the entry level worker, mathematics, leadership, and soft skills in the work place. These are all addressed during the program that results in a career ready individual.

This Software Development program is one of the premier Software Development high school programs in the nation. LHHS Software Development program was one (1) of the first 50 High Schools in the nation to pilot the updated Software Development program in joint development with Microsoft Corporation. LHHS was 1 of 7 High Schools to have faculty write curriculum for Microsoft Technical Associates (MTA) Certification programs. LHHS Software Development program continues to be concerned with staying on the leading edge of technology. The classroom computer system was completely updated recently. An advisory committee of respected industry representatives keeps the program current to industry needs and standards.

The Lake Havasu High School Software Development 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. Students will be held to industry standards in behavior and attitude in the work place.

INTRODUCTION TO SOFTWARE DEVELOPMENT 1-2 1.0 credit
Fee $20.00

Prerequisite: Freshman or Sophomore
Successful completion of Algebra 1-2
This course displays the history and future of the billion dollar game industry. Students will learn about different styles of games and demonstrate their knowledge by creating their own basic games through object-orientated programs. This course provides an introduction to programming while teaching the essential fundamental knowledge of variables and how to manipulate them.

*Computer Club*
### INTERMEDIATE SOFTWARE DEVELOPMENT 1-2

<table>
<thead>
<tr>
<th>1.0 credit</th>
<th>Fee $20.00</th>
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</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Teacher Recommendation</td>
</tr>
<tr>
<td><strong>This Course</strong></td>
<td>establishes a greater understanding of programming through experience with software integrated development environment (IDE), such as Microsoft Visual Studio, Visual Basic, C#, and other object-orientated languages. A basic understanding of software development will be achieved, while expanding it to reach platforms including Xbox 360 and Windows Phone through the use of the XNA game framework.</td>
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*Computer Club*

### ADVANCED SOFTWARE DEVELOPMENT 1-2

<table>
<thead>
<tr>
<th>1.0 credit</th>
<th>Fee: $20.00</th>
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<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Teacher recommendation; Two years of Software development classes with Grade of “C” or better and must have teacher recommendation.</td>
</tr>
<tr>
<td><strong>This is a one year course.</strong></td>
<td>It establishes a greater understanding of programming through experience with software integrated development environment (IDE), such as a Microsoft Visual Studio, “Visual Basic, C# and other object orientated languages. An understanding of software development will be achieved, while expanding it to reach platforms including Xbox 360 and Windows through the use of XNA game framework. Students will take part in an International competition.</td>
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*Computer Club*

### C.T.E. INTERNSHIP-SOFTWARE DEVELOPMENT

<table>
<thead>
<tr>
<th>0.5 credit</th>
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<tbody>
<tr>
<td><strong>Paid or Unpaid</strong></td>
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<tr>
<td><strong>Prerequisite:</strong></td>
</tr>
<tr>
<td><strong>SOFTWARE DEVELOPMENT (ROBBINS)</strong></td>
</tr>
<tr>
<td><strong>Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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.</strong></td>
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*Internship is NOT part of mandatory 4-hour school day.*
WEBPAGE DEVELOPMENT

Web Design is one of the fastest growing technologies and career paths. It not only can be a full time career, but a skill that is necessary in business. It is offered as a four-year comprehensive program at Lake Havasu High School. Students are given the chance to learn HTML markup, graphic design, photography, and the chance to work in an all AppleComputer lab. Software taught in the program includes: Photoshop CS5.1, Illustrator CS5.5, Dreamweaver CS5.5, and InDesign CS5.5. You will not only learn how to use these programs, but you will learn to use them efficiently to maximize your skills and time.

Along with the most up to date and industry utilized software, you will also be able to use the latest hardware. The web design program uses Wacom Tablets for graphic work, DSLR Cameras to capture original content, and Apple Macintosh computers.

The focus for this class is real world experience. Projects assigned are used in the high school and community as much as possible. The opportunity to compete in SkillsUSA is also present; the program is recognized state wide and nationally as one of the best. Students have competed against the best nationally to display how well they stack up to the best students in the nation, and in 2012 places first in the nation! SkillsUSA is recognized in the U.S. as a career and technical student organization that prepares students for lifelong learning and creating a skilled workforce. Leadership skills are also stressed, as knowing a skill is not enough, if you don’t know how to market yourself.

Lastly, students continuing with the program through their junior or senior year may be able to enroll in the Dual Enrollment Advanced Web Design class, of which they will be able to earn 12 college credits.

Languages Learned:

- XHTML 1.0 Transitional/ Strict
- HTML 5.0
- JavaScript
- CSS 3

Software Learned:

- Adobe Photoshop CS5.5
- Adobe Illustrator CS5.5
- Adobe Dreamweaver CS5.5
- Adobe Flash CS5.5
- Adobe Edge (tentative)
- Cyber Duck – FTP
- Text Wrangler

FUNDAMENTALS OF WEBPAGE DESIGN

**Prerequisite:** None

This one-semester course will introduce the basic fundamentals of the Web Design and Development program. Topics include: file management, image manipulation using Photoshop CS5.5, best work practices, copyright issues, XHTML 1.0 Transitional, web browsers, Mac OSX, Windows XP, and additional skills to further the student’s skill-set in the work place. Students will be able to create their own website by the end of this course. Successful completion of this course allows entry into the Dual Enrollment Web Page Design & Development program, software development, and computer systems programs.

0.5 credit

**Fee:** $10.00
INTRO TO WEBPAGE DEVELOPMENT 1-2
1.0 credit
Prerequisite: Fund of Webpage Design, Grade of “C” or better
Fee $20.00

This course will cover the basics of web page creation concepts. Languages learned in this course will be XHTML 1.0 Strict, CSS3, and HTML 5.0. Students will be working with various HTML editors, and Photoshop CS5.5. Students will learn advanced operation of an Apple Computer, resources of the web, web page creation, image creation and manipulation, and employability skills. Dreamweaver CS5.5, Photoshop CS5.5, and FTP clients will be used to create, format, illustrate, design and edit web pages. Students will also have the opportunity to participate in the national Career and Technical Student Organization, SkillsUSA.

Tools Learned: Apple iMac, Apple Mac Mini, DSLR Camera, Wacom Digitizing Tablet

*Web Design Club*
*SkillsUSA*

DE ADVANCED (A) WEBPAGE DEVELOPMENT (H) 1-2

<table>
<thead>
<tr>
<th>MCC</th>
<th>LHHS</th>
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<tbody>
<tr>
<td><strong>CIS 143-Web Page Design (S1)</strong></td>
<td>3.0 credit hrs</td>
</tr>
<tr>
<td><strong>CIS 145-Photoshop I (S1)</strong></td>
<td>3.0 credit hrs</td>
</tr>
<tr>
<td><strong>CIS 243-Web Page Design II (S2)</strong></td>
<td>3.0 credit hrs</td>
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<tr>
<td><strong>CIS 245-Photoshop II (S2)</strong></td>
<td>3.0 credit hrs</td>
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</tbody>
</table>

Prerequisite: Junior or Senior
Introduction to Webpage Design 1-2, Grade of “C” or better; Teacher Recommendation
Qualifying MCC compass score by Spring Deadline (Reading 70)

CIS 143 – Web Page Design I
This first semester class teaches web page design by utilizing Adobe Dreamweaver CS5.5. Dreamweaver is used by students to create websites that include hyperlinks, graphics, well-formatted text, drop down menus, and forms. Design issues such as creating successful web pages for target audiences and search engine placement are also included.

CIS 145 – Photoshop 1
This first semester class delves into advanced usage of Photoshop CS5.5, the industry standard in photo manipulation and web graphics creation. Main topics of instruction will be using the keyboard shortcuts to improve efficiency and speed of work, selection tools for web graphic creation and proper usage of layers and color schemes. As a bonus, Illustrator CS5.5 will also be taught, focusing on vectoring of graphics for use in web and print.

CIS 243 – Web Page Design II
This is a second semester class, the continuation of CIS 143. Focus will be on learning the following languages and software platforms: CSS3, JavaScript, PHP, Adobe Edge (tentative), Adobe Illustrator CS5.5, and Adobe Flash CS5.5. Class projects include websites that will be used by the public. (e.g. Lake Havasu High School –Clubs) Students will have the opportunity to participate in SkillsUSA.
CIS 245 – Photoshop II
This is a second semester class, the continuation of CIS 145. Focus will be on creating eye-catching graphics and logos for websites. Simple photography will be taught, while learning how to optimize your images in Photoshop for the web.

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

*Web Design Club* *SkillsUSA*

### ADVANCED (B) WEBPAGE DEVELOPMENT 1-2

**Prerequisite:** Senior

Advanced (A) Webpage Design 1-2-3-4, Grade of “C” or better
Teacher Recommendation

This class will be a continuation of Advanced Web Page Design. The purpose of this course is to take the instruction from Advanced Web Page Design A and apply it to independent projects. Creation of web sites for the high school will occur, as well as a deep understanding and application of HTML 5.0, CSS3, JavaScript, and Graphics Design. This course will be fully involved in various projects that will highlight teachers, faculty, clubs, athletics, and various other activities that deal with Lake Havasu High School. Students will have the opportunity to participate in SkillsUSA.

* Web Design Club*
*SkillsUSA*

### C.T.E. INTERNSHIP-WEBPAGE DEVELOPMENT

**Prerequisite:** Senior (minimum age 16)

Must be CTE student & have completed (with a “C” or better) or currently be enrolled in the following CTE program:

**WEB PAGE DEVELOPMENT (Paluch)**

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*
PUBLICATIONS 1-2  

Elective  

1.0 credit

Prerequisite: Teacher recommendation; involves application process

The purpose of the class is to produce the yearbook, *EXCALIBUR*. Students must be willing to sell advertising and put in extra hours for deadlines. Staff members must take responsibility for their assigned pages and possess self-direction. Since extra time is spent training photographers and students in layout design and writing copy, the yearbook is looking for people who will dedicate 2-3 years to being on staff. Experience with DSLR cameras, Adobe Photoshop, Adobe Illustrator, and Adobe InDesign is recommended but not required.
ENGLISH

HONORS CLASSES: Students must have a minimum 3.0 cumulative GPA, a 3.5 cumulative GPA in the academic discipline, and completion of the summer reading assignment. The summer reading assignment is due on the first day of school. Assignments are available on the LHHS English department website. To remain in the honors program, students must earn a “C” or better at semester.

9th READ 180-1, 2, 3, 4  
1.0 credit (ENG)
1.0 credit (ELE)

Prerequisite: Freshman priority; recommendation of 8th grade teacher based on test scores
Placement at Round Table Program (RTP)

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. Students will receive one English credit and one elective credit.

FRESHMAN ENGLISH 1-2  
1.0 credit

Prerequisite: Completion of eighth grade English

This course provides a balanced, unified program of instruction in grammar, genre-driven literature, composition, and speech. It engages the student in appropriate practices of listening, reading, speaking, writing, and related thinking and study skills. Vocabulary study includes the use of linguistic roots and affixes. The emphasis in composition is on the five-paragraph essay and six-trait writing. Throughout the year students are grouped together into literature circles to study adolescent literature.

FRESHMAN HONORS ENGLISH 1-2  
1.0 credit

Prerequisite: See Honors criteria for English Department

This course provides a balanced, unified program of instruction in grammar, 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 standard freshman English 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, composition, and literature. This class focuses on the historical and cultural aspects of world literature and government systems expressed in 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

*Prerequisite: See Honors criteria for English Department*

This course is a study of grammar, 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. The honors class covers world literature in thematic units. 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 an understanding of the historical nature of literary movements, informational text, including seminal documents and colonial pieces, as well as fiction. Vocabulary, study skills, and various composition projects stress logical organization and development essential for effective written communication.

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

*Prerequisite: See Honors criteria for English Department*

This course involves the in-depth study of American literary movements. Grammar skills, vocabulary, study skills, and various composition projects stress logical organization and development as essential for effective written communication. The honors level will provide more intense focus on American literature and composition. It is a program that moves through the topics of standard Junior English 5-6 at an accelerated pace and includes topics not taught in other courses in the English program.
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.

<table>
<thead>
<tr>
<th>Course</th>
<th>MCC</th>
<th>LHHS</th>
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</thead>
<tbody>
<tr>
<td>DE ENGLISH 101 (H)</td>
<td>3 credit hrs.</td>
<td>0.5 credit</td>
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<tr>
<td>(1st Semester Only)</td>
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<tr>
<td>DE ENGLISH 102 (H)</td>
<td>3 credit hrs.</td>
<td>0.5 credit</td>
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<tr>
<td>(2nd Semester Only)</td>
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</tbody>
</table>

Prerequisite: Seniors who have met the honors criteria for the English Department and qualifying MCC compass score by Spring Deadline (Reading 74, Writing 70), “C” or better to continue the following semester

English 101 and 102 make up a two-course sequence designed for general study. Both courses review the fundamentals of grammar, and 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

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.

ACTING 3-4
Prerequisite: Acting 1-2 and Directors' approval by audition ONLY

In this one year course students will increase their appreciation of and additional experience in theater as an art form. The student will act, direct, or be technically involved in scenes, one-act plays or full length production. They will read, write and evaluate plays as well as view and critique electronic and live performances. Career opportunities and further schooling will be explored. Through creating theater, students will grow in their ability to comprehend the world and to communicate with others.

TECHNICAL THEATRE/DESIGN 1-2
Prerequisite: None

This course is designed to give the student hands-on training in all aspects of technical theatre. From stagecraft to costume design, students will learn the skills it takes to create professional quality productions. (Projects include: costume design, sound design, make-up, scenery construction, scene painting, lighting design, stage management, directing, and promotions.)

TECHNICAL THEATRE/DESIGN 3-4
Prerequisite: Technical Theatre/Design 1-2, an interview and Director’s approval

This course is a continuation of the Technical Theatre/Design 1-2 course. It is designed to give the student continued hands-on training in all aspects of technical theatre. (Projects include: costume design, sound design, make-up, scenery construction, scene painting, lighting design, stage management, directing, and promotions.)
MUSICAL THEATER 1-2
Prerequisite: 9th-12th grade; Directors’ approval by audition ONLY

In this course, students 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.

INTRODUCTION TO STUDIO ARTS AND GRAPHIC DESIGN 1-2
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.

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

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 art work. Adobe Photoshop and Illustrator play an integral role in the creative process in the course. Sophomores prerequisite Introduction to Visual and Studio Arts, Open to 11th and 12th.

ADVANCED STUDIO ARTS AND GRAPHIC DESIGN 1-2
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 Sculpture & Ceramics or Drawing & Painting. 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.
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.

ADVANCED PORTFOLIO (2nd Semester Only) 0.5 credit
Prerequisite: 3.0 GPA in Intermediate Drawing and Painting
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.

BEGINNING INSTRUMENTAL MUSIC 1-2 1.0 credit
Prerequisite: None

Beginning Instrumental Music is open to all students interested in learning one of the following string instruments: violin, viola, cello, bass (stand up), and guitar. No prior experience or training is necessary, but students must be able to practice independently while the instructor works with individuals and groups of instruments as necessary. Students learn a variety of musical concepts; including how to read music, analyze music, and how to play in an ensemble. This year-long class is dedicated to training students to be musicians and allows students the opportunity to eventually join an upper level ensemble in the instrumental music program. Violin, viola, cello and bass are available for rental; guitarists need their own instrument. [See fee page for rental fee.]

MARCHING BAND 1, 3 (1st semester only) 1.0 credit
Prerequisite: Instrumentalists: Must know how to play a band instrument, and be able to read musical notation

The “Band of Knights” performs at home football games, in parades, community functions, and field show competitions throughout Arizona. This class includes all students interested in being members of the Colorguard and the Drumline. This is one of the most visible of all bands and, as such, must always be of the highest caliber. Extra afterschool rehearsals held on Tuesday nights are mandatory as is Band Camp, which is scheduled before the start of each academic school year. There are also after-school sectional practices once a week. This is a two-hour block class; however, some scheduling conflicts can be resolved. Instruments are available for rental. (See fee page for rentals)
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td><strong>CONCERT BAND S2 (2nd semester only)</strong></td>
<td>0.5</td>
<td>Must know how to play a band instrument, and be able to read musical notation</td>
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<td>The concert band will be, in a sense, a “training band.” It is a non-auditioned group, but students will gain the knowledge needed to have a successful audition to participate in Wind Ensemble (see below). This ensemble will play a variety of music but will also focus on basic musicianship, which includes scales, tonality, musicality, understanding of rhythms, and sight-reading. This ensemble will perform at school concerts and community events.</td>
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<tr>
<td><strong>JAZZ BAND 1-2</strong></td>
<td>1.0</td>
<td>Must know how to play a jazz band instrument and be able to read musical notation with at least one year of high school Marching Band, Concert Band or Wind Ensemble is required (or discretion of director)</td>
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<td>The Jazz Band is a group of select instrumentation, which consists of alto, tenor, baritone, saxophones, trumpets, trombones, electric guitar bass (stand up or guitar), piano, and drum set. This band will play music from all eras of jazz, including big band, swing, blues, funk, etc. Improvisation and theory will be explored. The jazz band will perform in school concerts and community events. If an audition is necessary due to an opening available and more than one person seeking it, the auditions will be scheduled either the spring prior to the year of registration or the first week of the class.</td>
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<tr>
<td><strong>WIND ENSEMBLE (2nd Semester only)</strong></td>
<td>0.5</td>
<td>By Audition or Instructor Approval</td>
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<td>The Wind Ensemble is the top group in the department. It will be an auditioned group, and high caliber music will be studied. This group will perform at school concerts, community events, and at regional/state festivals. Students will be required to attend extra rehearsals outside of class when needed. Students in this ensemble are chosen not only for their playing ability, but for their attitude and practice habits. Auditions for this group are held in early December.</td>
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<tr>
<td><strong>ORCHESTRA 1-2</strong></td>
<td>1.0</td>
<td>One year previous instrument instruction (or discretion of director)</td>
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<td>This is an instrumental class dedicated to stringed instruments – violin, viola, cello, bass, and piano. Students in this class will be exposed to orchestral music of varied genres and periods. (See fee page for rental fee)</td>
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<tr>
<td><strong>CONCERT CHOIR 1-2</strong></td>
<td>1.0</td>
<td>None</td>
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<td>Fee: $5.00</td>
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<td>This male and female choir studies and performs a variety of choral literature. Students will study techniques in breath control, voice projection, diction, rhythm and harmony. The choir performs at numerous programs throughout the school year. Participants also participate in learning varied forms of choral set-up, including chamber, folk, and show choirs.</td>
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</tbody>
</table>
ENCHANTED VOICES 1-2 (Select Women’s Ensemble)  1.0 credit
Prerequisite:  Director’s approval by audition
Fee: $5.00

Students will study and perform a variety of choral literature specifically written for female voices in more complex harmonies than previous ensembles. Students will further develop music reading skills and vocal technique. This group will be accorded opportunity for outreach within the community.

KNIGHT VOICES 1-2 (Select Mixed Ensemble)  1.0 credit
Prerequisite:  Director’s approval by audition
Fee: $5.00

This chamber choir studies and performs a variety of repertoire from many musical eras. 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.

MUSIC APPRECIATION  0.5 credit
Prerequisite:  None

Music appreciation is a semester class designed to teach students how to appreciate music in all its different forms. Students will learn how to read, describe, and critique music of the many eras. It also teaches students the basic vocabulary, listening skills, and history behind the art to enable students to make informed evaluations of the art as well as enjoy a higher appreciation for the art form.
FOREIGN LANGUAGE

HONORS CLASSES: Students must have a minimum 3.0 cumulative GPA, a 3.5 cumulative GPA in the academic discipline. To remain in the honors program, students must earn a “C” or better at semester.

**All students taking a foreign language course are expected to study at home a minimum of thirty minutes daily.

SPANISH 1-2 1.0 credit
Prerequisite: 3.0 GPA average from either HS or MS
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 1-2 (HONORS) 1.0 credit
Prerequisite: See Honors criteria for Spanish Department
Spanish 2 (H) requires a “C” or better in Spanish 1 (H) to continue

Students who have performed very successfully in a middle school Spanish program or who have a strong background in English grammar are recommended for Spanish 1-2 Honors. Students are expected to be self-motivated, willing to speak openly in class, and to be thorough in their preparation. The student attains a high degree of proficiency in the four skill areas: listening, speaking, reading, and writing. The course proceeds at a faster pace and with more material covered than Spanish 1-2.

SPANISH 3-4 1.0 credit
Prerequisite: Spanish 1-2 with a “C” or better
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 (HONORS) 1.0 credit
Prerequisite: See Honors criteria for English Department
Spanish 4 (H) requires a “B” 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.

DE (H) SPANISH 101 4 credit hrs 0.5 credit
DE (H) SPANISH 102 4 credit hrs 0.5 credit
Prerequisite: See Honors criteria for English Department; qualifying MCC compass score by Spring Deadline (Reading 74, Writing 70)
Spanish 102 requires completion of Spanish 101 with a grade “C” or better.

These courses develop the fundamental language skills: speaking, listening, writing, and reading comprehension.

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

DE (H) SPANISH 201 4 credit hrs 0.5 credit
DE (H) SPANISH 202 4 credit hrs 0.5 credit
Prerequisite: For Spanish 201, completion of Spanish 102; for Spanish 202, completion of Spanish 201.

These courses review, then consolidate and increase the basic skills learned in Spanish 101/102. Emphasis on reading, speaking, listening comprehension, composition, and culture. Continued development of communicative competence.

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

BIOLOGY 1-2
Prerequisite: Sophomore, Junior, or Senior OR Freshman with teacher approval and recommendation from middle school.
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. Continuity and diversity of living forms are also studied. Laboratory experiments are an integral part of the course, with emphasis on man and his biotic environment. This class meets the requirements of a lab science for college or a university.

*Health Careers Club* *HOSA*

DE INTRODUCTION TO HEALTH CARE (H) 1-2

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<tr>
<th>Course</th>
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<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>HES 113-Medical Terminology (1st semester only)</td>
<td>3.0 credit hrs</td>
<td>0.5 credit</td>
</tr>
<tr>
<td>HES 129-Allied Health Anatomy and Physiology(2nd semester only)</td>
<td>3.0 credit hrs</td>
<td>0.5 credit</td>
</tr>
</tbody>
</table>

FEE: $20.00

Prerequisite:
- Biology 1-2 (successful completion)
- Junior or Senior
- Qualifying MCC compass score by Spring Deadline (Reading 74, Writing 70)
  “C” or better to continue the following semester

This year-long course is for the student who is interested in a career in Allied Health (Sports Medicine, Dental Hygienist, Paramedic, Medical Assistant, Surgical Technologist, Lab Assistant, Pharmacy Technician, Medical Imagist, etc.). This course will present a study of basic medical terminology, human anatomy, the structure and function of the human body, and the study of blood-borne pathogens. In addition, students will be trained in CPR & First Aid. 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*
INTRODUCTION TO ATHLETIC TRAINING (1st semester only)  

0.5 credit  
Fee: $10.00  

Priority: Senior Priority; Juniors  
Prerequisite: Students who have earned a “B” or better in Intro. to Health Care

Thinking about a career in sports medicine or physical therapy and rehabilitation? This course will introduce you to the field of athletic training and the endless career possibilities available to you. It can be a stepping stone to other kinds of opportunities in other health care fields. Learn about anatomy, first aid, CPR, preventive taping techniques, kinesiology (study of human movement), medical terminology, and how health professionals treat sprains, fractures, heat stress/stroke, and nutrition. Guest speakers from the fields of orthopedics, podiatry, nursing, chiropractic, and physical therapy provide new knowledge and expertise. Class experience is a combination of classroom lecture and training room/lab practicals. Students will have the opportunity to participate in HOSA, a student club.

*Health Careers Club* *HOSA*

DE PEM 202 (H) – SPORTS INJURY MANAGEMENT  

AWC  
LHHS  
3.0 credit hrs  
0.5 credit  
Fee: $10.00

(2nd semester only)  
Prerequisite: Introduction to Sports Management  
Qualifying AWC compass score by Spring Deadline

This second semester DE Sports Management course will introduce to principles and techniques of preventing, treating, and rehabilitating sports related injuries. This course includes recognition of sports injuries, therapeutic methods, mechanisms of sports injuries, and taping and wrapping techniques.

*Health Careers Club* *HOSA*

C.T.E. INTERNSHIP-SPORTS MEDICINE  

0.5 credit

Paid or Unpaid  
Prerequisite:  
- Senior (minimum age 16)  
- Must be CTE student & have completed (with a “C” or better) or currently be enrolled in one of the following CTE program:  

SPORTS MEDICINE (Becker/Marr)

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*  
C.N.A Option: See Concurrent Enrollment, page 16
MATHEMATICS

HONORS REQUIREMENTS

HONORS CLASSES: Students must have a minimum 3.0 cumulative GPA, a 3.5 cumulative GPA in the academic discipline. To remain in the honors program, students must earn a “C” or better at semester.

ALGEBRA 1-2

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.

ALGEBRA 2A-2B

Prerequisite: Grade of “C” or above in Algebra 1A/B

Topics include 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. This course meets college entrance requirements.

ESSENTIALS FOR ALGEBRA W/LAB 1-2

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 as a way to increase student awareness of the connections in math. This class allows students to learn the prerequisite skills to be successful in Alg. 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 LAB 1-2

**1.0 credit**

**Prerequisite:** Enrolled in Essentials for Algebra 1-2

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

### GEOMETRY 1-2

**1.0 credit**

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

### GEOMETRY 1-2 (HONORS)

**1.0 credit**

**Prerequisite:** See Honors criteria

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 (HONORS)  
Prerequisite: See Honors criteria  
1.0 credit

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, quadratic functions and factoring, polynomial rational, exponential, and logarithmic functions, trigonometry, sequences to series, counting methods to probability.

PRE-CALCULUS 1-2  
Prerequisite: Algebra 3-4 (grade of “C” or above)  
1.0 credit

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  
Prerequisite: See Honors criteria  
1.0 credit

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 will take the AP Calculus AB exam in May.

MATH OF MONEY 1-2  
Prerequisite: Junior or Senior  
Two years of high school math  
1.0 credit  
Fee: $25.00

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 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.

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.

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.

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

FOUNDATIONS OF PHYSICAL EDUCATION AND HEALTH 1.0 credit
FOR BOYS 1-2
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 1.0 credit
FOR GIRLS 1-2
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, tinikling and archery. Emphasis is also on learning HOW to be fit and staying fit for life. Classroom instruction includes a physical education and health textbook with topics stressing the 5 health components. Improving students’ fitness will be stressed by daily exercises. The class includes written and skill tests and periodic fitness assessments. Active participation is required. This is a full year course.

GIRLS’ WEIGHT TRAINING, TONING AND FITNESS 1-2 1.0 credit
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.

GIRLS’ AEROBICS AND FITNESS 1-2 1.0 credit
Prerequisite: Foundations of Physical Education for Girls 1-2 (Freshman PE)

If you’re the type of girl who wants to get in shape, Aerobics and Fitness 1-2 is the class you can’t afford to miss! Activities are selected from a variety of aerobic and toning activities. Step, jogging, toning, Taebo and Pilates are just a few of the many activities that are incorporated into this class. Students who sign up must be prepared to get in shape and work hard! May be repeated for 0.5 credit every semester.
**GIRLS’ TEAM SPORTS 1-2**  
Prerequisite: Foundations of Physical Education for Girls 1-2 (Freshman PE)  
1.0 credit  
Come learn about team work, success and game skills in this fun girls’ team sports class. Volleyball, basketball, football, tennis and ultimate frisbee are a few of the sports you will learn the skills for and have a great time playing. Stay fit and have fun with girls’ team sports! May be repeated for 0.5 credit every semester.

**BOYS’ TEAM SPORTS 1-2**  
Prerequisite: Foundations of Physical Education for Boys 1-2 (Freshman PE)  
1.0 credit  
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/AEROBIC CONDITIONING 1-2**  
Prerequisite: Foundations of Physical Education for Boys 1-2 (Freshman PE)  
1.0 credit  
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.

**INTRODUCTION TO SPORTS FITNESS 1-2**  
This class is an elective for 9th graders and will not take the place of Freshman PE  
Prerequisite: SUMMER LIFTING PROGRAM COMPLETED OR COACH’S APPROVAL  
1.0 credit  
This class is for the FRESHMAN ATHLETE who wants to learn and develop: speed, agility, balance, power, strength and explosiveness. 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**  
Prerequisite: Freshman PE; 10th-12th; Instructor’s Approval  
1.0 credit  
This class is for the JV or Varsity ATHLETE who wants to increase speed, agility, balance, power, strength and explosiveness. 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.
GENERAL SCIENCE 1-2 1.0 credit
GENERAL SCIENCE 3-4 1.0 credit
Prerequisite: Teacher/counselor recommendation (students who have successfully completed Life Science, Physical Science, or higher are not eligible for General Science)

This two-year sequence will provide two science credits and is designed to help students pass the sophomore science AIMS test. Students in General Science will study introductory biology, chemistry, physics, and geology. Applied science will be emphasized so that students will become familiar with how science affects their lives. General Science will also prepare students for Life Science 1-2 or Physical Science 1-2. This course does not meet college entrance requirements as a lab science.

LIFE SCIENCE 1-2 1.0 credit

This is a basic science course which may be successfully undertaken by most students in order to satisfy their high school requirement in science. It does NOT meet college entrance requirements as a lab science. This course will allow students to acquire a basic working knowledge of the life sciences (living organisms) and show how science applies to life, how humans fit into the world of science and technology, and how a study of science can enhance the quality of a person’s life. This course does not meet college entrance requirements as a lab science.

PHYSICAL SCIENCE 1-2 1.0 credit

This is a science course for the freshman or sophomore who has acquired a basic knowledge of the principles of science and who has an understanding of basic math and knows how formulas are used to solve problems. It may be used to satisfy the high school science requirement. It does NOT meet college entrance requirements as a lab science. This course will allow students to acquire a basic working knowledge of the non-living world of physical science and learn how science applies to life, how humans fit into the world of science and technology, and how a study of science can enhance the quality of a person’s life. This course includes mathematical applications and provides information leading into physics and chemistry. This course does not meet college entrance requirements as a lab science.

BIOLOGY 1-2 1.0 credit

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. Continuity and diversity of living forms are also studied. Laboratory experiments are an integral part of the course, with emphasis on man and his biotic environment. This class meets the requirements of a lab science for college or a university.
ALLIED HEALTH BIOLOGY 1-2 1.0 credit

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. Laboratory experiments are an integral part of the course, with emphasis on man and his biotic environment. This class meets the requirements of a lab science for college or a university.

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

BIOLOGY 1-2 (HONORS) 1.0 credit

Prerequisite: See Honors criteria

Fee: $10.00

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.

CHEMISTRY 1-2 1.0 credit

Prerequisite: Sophomore, Junior or Senior with successful completion of Biology 1-2 and Algebra 1-2 with a “C” or better

Fee: $10.00

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

CHEMISTRY 1-2 (HONORS) 1.0 credit

Prerequisite: Sophomore, Junior or Senior with a 3.5 GPA in Biology 1-2 and Geometry 1-2. Additional math is recommended.

Fee: $15.00

Honors Chemistry 1-2 is a rigorous traditional approach to chemistry with a strong emphasis on math skills. Major topics covered will include states of matter, chemical bonding, the periodic table, quantum theory, chemical reactions, nuclear reactions, stoichiometry and other advanced chemical calculations. This course meets the requirements of a lab science for college or university.
ANATOMY 1-2 1.0 credit
Prerequisite: Junior or Senior with a grade of “C” or better in Biology and Chemistry, or teacher approval
Fee: $15.00

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

PHYSICS 1-2 (HONORS) 1.0 credit
Prerequisite: Algebra 3-4 or concurrent; see Honors criteria
Fee: $15.00

This is a college preparatory course covering kinematics, dynamics, statics, universal gravitation, energy and momentum, thermodynamics, wave mechanics, electro-dynamics, and optics. Students have the option of taking the AP physics B exam at the end of the year for college credit. This class meets the requirements of a lab science for college or university.

GEOLOGY 1-2 1.0 credit
Prerequisite: Sophomore, Junior, or Senior; One year of Biology
Fee: $10.00

This class is a hands-on course which examines the minerals making up our world, the ways that the earth changes, and a sense of the earth’s past and present. This class meets the requirements of a lab science for college or university. This class includes mathematical applications. Background in math is helpful.

ECOLOGY/ENVIRONMENTAL SCIENCE 1-2 1.0 credit
Prerequisite: Junior or Senior, Successful completion of Biology 1-2
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 state. This course is an excellent option for students interested in the pursuit of a college major related to environmental science.
DE BIOLOGY 181 (H) (1st Semester Only)  
4 credit hrs.  0.5 credit

DE BIOLOGY 182 (H) (2nd Semester Only)  
4 credit hrs.  0.5 credit

Prerequisite: Juniors/Seniors who have completed Biology 1-2 and Chemistry 1-2; Qualifying MCC compass score by Spring Deadline (Reading 74, Writing 70)
See Honors criteria

Fee: $25.00

Biology 181 and 182 make up a two-course sequence designed for science majors. Both courses require a science lab. BIO 181 is a general biology course which provides a broad overview of life on earth today and how life has changed over time. It deals with the basic mechanism of life-cell structure and function, biochemistry, metabolism, energetics, genetics, and evolution. BIO 182 is a general biology course which deals with current classification, structure, and life-history of organisms. Evolutionary forces and ecological stimuli for patterns of adaptation will also be examined. Laboratory experiences will provide students with an appreciation for and knowledge of the tremendous diversity seen in the living world. Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.

ADV. HONORS (AP) CHEMISTRY 1-2  
1.0 credit

Prerequisite: Junior or Senior; See Honors criteria

Class Fee: $25.00

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. At the end of the year, students are required to take the Advanced Placement Examination for college credit. 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.

DE BIOLOGY 201 (H): Human Anatomy & Physiology (1st Sem only)  
4 credit hrs.  0.5 credit

DE BIOLOGY 202 (H): Human Anatomy & Physiology II (2nd Sem only)  
4 credit hrs.  0.5 credit

Prerequisite: Seniors who have completed BIO 181 or 182 Qualifying MCC compass score by Spring Deadline (Reading 74, Writing 70)
See Honors criteria

Fee: $25.00

Biology 201 and 202 make up a two-course sequence designed for science majors. Both courses require science labs and are the study of human anatomy and physiology using a body system approach with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. BIO 201 includes basic anatomical and directional terminology; fundamental concepts and principles of cell biology; histology; the integumentary, skeletal, muscular, and nervous systems; special senses; and the endocrine system. BIO 202 includes the cardiovascular system; the lymphatic system and immunity; the respiratory system; the gastrointestinal system; the urinary system; fluid/electrolyte and acid/base balance; and the reproductive system. This course will include the dissection of a cat. Dual Enrollment classes offered at LHHS use MCC approved curricula and textbooks.
SOCIAL AND HUMAN SERVICES

INTRODUCTION TO EARLY CHILDHOOD EDUCATION 1-2  1.0 credit
Fee: $20.00
Prerequisite: Priority will be given to sophomore students followed by juniors and seniors. This course will serve as a preparatory course for Advanced A and B CDA courses. An application and proof of TB skin test must be submitted to enroll in the class.

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. 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  (3-4)  1.0 or 2.0 credits
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.

*FCCLA & Little Knights*
ADVANCED (B) EARLY CHILDHOOD 1-2-(3-4) 1.0 or 2.0 credits

Prerequisite: Successful completion of Advanced A Early Childhood Education; Permission from the instructor.

Fee: $20.00

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.

*FCCLA & Little Knights*

C.T.E. INTERNSHIP-EARLY CHILDHOOD 0.5 credit

Paid or Unpaid

Prerequisite: Senior (minimum age 16) - Must be CTE student & have completed (with a “C” or better) or currently be enrolled in one of the following CTE program:

EARLY CHILDHOOD (Hendry)

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.*
INTRODUCTION TO FASHION DESIGN 1-2  
1.0 credit  
**Prerequisite**: Application  
Fee: $20.00  
This year-long course is designed to introduce students to the world of fashion design and merchandising while providing the opportunity to learn the life skill of sewing as well as an opportunity to create their own fashion style. Students will examine the principles and elements of design, evaluate fabric characteristics and construction methods as well as explore traditional, non-traditional, and entrepreneurial careers in fashion design and merchandising. Students will have the opportunity to participate in the high school fashion show and are encouraged to join FCCLA.  
*FCCLA*

FASHION MERCHANDISING 1-2  
1.0 credit  
**Prerequisite**: Completed or currently enrolled in Introduction to Fashion Design  
Fee: $10.00  
There is a lot more to the fashion industry than just fashion design. This class will explore the “behind the scene” careers in the fashion industry including; Fashion Merchandising, Fashion Management, and Fashion Marketing. 

Projects in this class will include: Planning and producing a fashion show, planning a fashion event, creating and assembling a visual marketing presentation, and exploring career and business opportunities in the apparel industry. Students will have the opportunity to attend Phoenix Fashion Week where they will attend several educational seminars focused on Fashion Merchandising and observe a professional fashion show. Students will be given the opportunity to join FCCLA.

ADVANCED (A) FASHION DESIGN 1-2  
1.0 credit  
**Prerequisite**: Introduction to Fashion Design with grade of “B” or better and Teacher Approval  
Fee: $30.00  
This year long course is designed to provide further study and practice to effectively prepare students with the knowledge, skills, attitudes, and behaviors needed to successfully enter the fashion job market or to transition to postsecondary education. Students will practice several pattern making techniques creating original designs during these hands on lessons. Students will have the opportunity to participate in a fashion show and are encouraged to join FCCLA.  
*FCCLA*
ADVANCED (B) FASHION DESIGN 1-2

Prerequisite: Advanced (A) Fashion Design with grade of “B” or better and Instructor Approval

1.0 credit

Fee: $30.00

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

*FCCLA*

FABRICS FOR DESIGN

Prerequisite: None

Priority will be given to students who are currently enrolled or have completed Introduction to Fashion Design 1-2

0.5 credit

Fee: $12.00

For students with an interest in fashion and home interiors and an artistic eye for color and design this semester course will focus on textiles, fibers, and fabrics and their importance in fashion and home interiors. Students will explore the history of fibers and fabrics, learn the characteristics of natural and manufactured fibers, how fibers are turned into yarn and yarn to fabrics, and fabric finishes. This class will feature lab experiences on fabric construction, methods of color application and fabric finishes. Whether you are taking this class for personal enrichment or desire a career in fashion and interior design you will enjoy the diverse topics offered. Students will have the opportunity to participate in FCCLA.

C.T.E. INTERNSHIP-FASHION

Paid or Unpaid

Prerequisite: Senior (minimum age 16)

Must be CTE student & have completed (with a “C” or better) or currently be enrolled in one of the following CTE program:

FASHION (Strother)

0.5 credit

Students will receive ½ credit for working in a CTE internship for 270 hours per semester. This averages out to 15 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 4-hour school day.
NUTRITION AND WELLNESS FOR LIFE 0.5 credit

Fee: $15.00

Prerequisite: Priority will be given to students who are currently enrolled or have completed Allied Health Biology

Currently, as the hottest topic 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 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.
SOCIAL STUDIES

HONORS CLASSES: Students must have a minimum 3.0 cumulative GPA, and a 3.5 cumulative GPA in the academic discipline.

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.

(HONORS) WORLD HISTORY & GEOGRAPHY 1-2 1.0 credit
Prerequisite: See Honors criteria

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: The earliest American civilizations to the turn of the 20th Century
U.S./AZ HISTORY 2: The turn of the 20th Century to the present day 1.0 credit
Prerequisite: Junior or Senior

These one-semester courses are 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.
DE HONORS U.S./AZ HISTORY 131-132
History of the United States I and II
Prerequisite: Juniors/Seniors
Qualifying MCC compass score by Spring Deadline (Reading 74, Writing 70)
See Honors criteria

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
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
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) (1st Semester Only)
Prerequisite: Senior priority; See Honors criteria

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 AP US Government must also enroll in AP Macroeconomics 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 AP Macroeconomics second semester.
ECONOMICS (HONORS) (2nd Semester Only)  
Prerequisite: Senior priority; See Honors criteria

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 in AP US Government must also enroll in AP Macroeconomics.

AP (H) PSYCHOLOGY 1-2  
Prerequisite: Junior or Senior

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.

CRIMINAL JUSTICE  
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  
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.

WORLD ISSUES  
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.
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.
SPECIAL CLASSES

OFFICE/TEACHER AIDE 0.5 credit
Prerequisite: See below; students who meet the four criteria will submit a completed TA application to their counselor along with their course request sheet.

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. 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. A student who cannot meet all of the above requirements must get approval from Administration and/or counselor to be assigned as a TA.

ACADEMIC PEER TUTOR 1-2 1.0 credit
Prerequisite: Junior or Senior; Students who meet the criteria must fill out the Peer Tutor Application and submit to their counselor.

As an academic peer tutor, students will be assigned to a core area of learning in which they will assist the teacher and tutor the students in the class. Students must fulfill the following requirements to be eligible: 1) For placement in this program, a 3.00 GPA in the core area of assistance is required, in addition to a 3.00 GPA overall. 2) 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. 3) Students who have a history of disciplinary problems are NOT eligible to participate in this program. 4) Absences in the previous semester must not have exceeded 8 days.

Students who have previously been dropped from this program are NOT eligible for future enrollment. No student may be assigned as a peer tutor more than one time each semester.
WORK CREDIT
*Student may complete up to 2.0 credits
Prerequisite: Junior or Senior; Application

Students may earn ½ credit for 270 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 over summer and school breaks will not be factored in. Students may earn up to ½ credit per semester for a total of not more than 2 credits during high school.

KNIGHT TIME
Prerequisite: ALL STUDENTS
Class is non-graded (NG)
Will appear on transcript, but with no credit awarded

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

Knight Time is NOT

- an extra prep period for teacher.
- homework time for students.
- study hall for students & teachers.
<table>
<thead>
<tr>
<th>Department</th>
<th>Course Sequencing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CTE Developed Pathways</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Advertising and Public Relations</strong></td>
<td></td>
</tr>
<tr>
<td>(By election only)</td>
<td></td>
</tr>
<tr>
<td><strong>Automotive Technology</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Business Management and Administrative Services (BMAS)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Cabinetmaking</strong></td>
<td></td>
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<tr>
<td><strong>Drafting Technology</strong></td>
<td></td>
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<tr>
<td><strong>Early Childhood Education (ECE)</strong></td>
<td></td>
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<tr>
<td><strong>Electronic Journalism</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Fashion Design &amp; Merchandising</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Film and Audio Technology</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Health Care Education – JR/SR status required</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Performing Arts Management</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Software Development</strong></td>
<td></td>
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<tr>
<td><strong>Studio Arts and Graphic Design Technology</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Webpage Development</strong></td>
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</tr>
</tbody>
</table>

See 2014-2015 Course Description Guide:
## Additional Electives (Non-pathway specific)

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Family and Consumer Science</strong></td>
<td>Fabrics for Design</td>
</tr>
<tr>
<td></td>
<td>Nutrition and Wellness</td>
</tr>
<tr>
<td><strong>Fine Arts – JR/SR status required</strong></td>
<td>DE ART 111 (H) (S1)  Adv. Portfolio Development (S2)</td>
</tr>
<tr>
<td><strong>Foreign Language</strong></td>
<td>Spanish 1-2  Spanish 3-4  DE (H) Span 101, 102  DE (H) Span 201, 202</td>
</tr>
<tr>
<td></td>
<td>Spanish 1-2 (Honors)  Spanish 3-4 (Honors)</td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>Essentials for Algebra 1-2 Lab *9th grade only (Paired with Alg. 1-2 only)</td>
</tr>
<tr>
<td></td>
<td>Algebra 3-4 Lab (Paired with Alg. 3-4 only)</td>
</tr>
<tr>
<td><strong>Miscellaneous</strong></td>
<td>Office/Teacher Assistant 1-2 (10th-12th grade only)  Academic Peer Tutor 1-2 (11th-12th grade only)  Work Credit (11th-12th grade only)</td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>Girls Weight Training 1-2 (10th-12th grade only)  Girls Aerobics and Fitness 1-2 (10th-12th grade only)  Girls Team Sports 1-2 (10th-12th grade only)  *May take over multiple years</td>
</tr>
<tr>
<td></td>
<td>*May take over multiple years</td>
</tr>
<tr>
<td></td>
<td>Boys Weight Training 1-2 (10th-12th grade only)  Boys Team Sports 1-2 (10th-12th grade only)</td>
</tr>
<tr>
<td></td>
<td>*May take over multiple years</td>
</tr>
<tr>
<td><strong>Publications</strong></td>
<td>Publications 1-2  *May take over multiple years</td>
</tr>
<tr>
<td><strong>Social Studies – JR/SR status required</strong></td>
<td>Psychology  Sociology  Criminal Justice  World Issues</td>
</tr>
<tr>
<td></td>
<td>AP (H) Psychology 1-2</td>
</tr>
</tbody>
</table>

### ABOR (AZ Board of Regents) Fine Arts Courses

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTING 1-2</td>
<td>Introduction to Film and Audio Tech 1-2  Knights Voices 1-2  Orchestra 1-2</td>
</tr>
<tr>
<td>Beginning Instrumental Music 1-2</td>
<td>Intro. to Studio Arts and Graphic Design  Marching Band 1, 3  Technical Theater 1-2</td>
</tr>
<tr>
<td>Concert Band</td>
<td>Enchanted Voices 1-2  Music Appreciation  Wind Ensemble</td>
</tr>
<tr>
<td>Concert Choir 1-2</td>
<td>Jazz Band 1-2  Musical Theater 1-2</td>
</tr>
</tbody>
</table>
## LAKE HAVASU HIGH SCHOOL FEE SCHEDULE

### ARTS-COMMUNICATIONS-HUMANITIES

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund of Journalism 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Intermediate Journalism 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv Journalism 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Intro to Film and Audio Tech 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Intern. Film and Audio Tech 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv (A) Film and Audio Tech 1-4</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv (B) Film and Audio Tech 1-4</td>
<td>$20 year</td>
</tr>
</tbody>
</table>

### BUSINESS SYSTEMS

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund of BMAS (Bus. Mgmt.)</td>
<td>$10 sem</td>
</tr>
<tr>
<td>Intro to BMAS 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>DE BUE 101/275 BMAS Adv (A) 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>BMAS Adv (B) 1-2</td>
<td>$20 year</td>
</tr>
</tbody>
</table>

### ENGINEERING

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund of WebPage</td>
<td>$10 sem</td>
</tr>
<tr>
<td>Intro to WebPage Develop. 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>DE Adv (A)WebPage Develop. 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv (B) WebPage Develop. 1-2</td>
<td>$10 year</td>
</tr>
<tr>
<td>Fund of Autos</td>
<td>$10 sem</td>
</tr>
<tr>
<td>Intro to Auto Tech 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Intermediate Auto Tech 1-2</td>
<td>$40 year</td>
</tr>
<tr>
<td>Adv Auto Tech 1-4</td>
<td>$40 year</td>
</tr>
<tr>
<td>Intro Software Development 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Intermediate Software Dev. 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv Software Development 1-4</td>
<td>$20 year</td>
</tr>
<tr>
<td>Fund of Cabinetmaking</td>
<td>$10 sem</td>
</tr>
<tr>
<td>Intro to Cabinetmaking Tech 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv Cabinetmaking Tech 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Fund of Drafting</td>
<td>$10 sem</td>
</tr>
<tr>
<td>Intro to Drafting Tech 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Intermediate Drafting Tech 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv Drafting 1-4</td>
<td>$40 year</td>
</tr>
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</table>

### HEALTH SERVICES

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>DE Intro to Healthcare 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Intro to Athletic Training (Fall)</td>
<td>$10 sem</td>
</tr>
<tr>
<td>DE PEM 202 (Spring)</td>
<td>$10 sem</td>
</tr>
</tbody>
</table>

### SOCIAL & HUMAN SERVICES

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Early Childhood 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv (A) Early Childhood 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv (B) Early Childhood 1-4</td>
<td>$20 year</td>
</tr>
<tr>
<td>Intro to Fashion Design 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Adv (A) Fashion Design 1-2</td>
<td>$30 year</td>
</tr>
<tr>
<td>Adv (B) Fashion Design 1-2</td>
<td>$30 year</td>
</tr>
<tr>
<td>Fabrics for Design</td>
<td>$12 sem</td>
</tr>
<tr>
<td>Nutrition &amp; Wellness for Life</td>
<td>$15 sem</td>
</tr>
<tr>
<td>Fashion Merchandising 1-2</td>
<td>$10 year</td>
</tr>
</tbody>
</table>

### Fine Arts

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Studio Arts/GD/Web</td>
<td>$40 year</td>
</tr>
<tr>
<td>Intermed. Studio Arts/GD/Web</td>
<td>$40 year</td>
</tr>
<tr>
<td>Advanced Studio Arts/GD/Web</td>
<td>$40 year</td>
</tr>
<tr>
<td>DE Art 111 (1st sem)</td>
<td>$20 sem</td>
</tr>
<tr>
<td>Adv. Portfolio Design (2nd sem)</td>
<td>$20 sem</td>
</tr>
<tr>
<td>Concert Choir 1-2</td>
<td>$5 year</td>
</tr>
<tr>
<td>Enchanted Voices 1-2</td>
<td>$5 year</td>
</tr>
<tr>
<td>Knight Voices 1-2</td>
<td>$5 year</td>
</tr>
<tr>
<td>Technical Theater/Design 1-2</td>
<td>$20 year</td>
</tr>
<tr>
<td>Technical Theater/Design 3-4</td>
<td>$20 year</td>
</tr>
<tr>
<td>Acting 1-2</td>
<td>$5 year</td>
</tr>
<tr>
<td>Acting 3-4</td>
<td>$5 year</td>
</tr>
<tr>
<td>Musical Theatre 1-2</td>
<td>$5 year</td>
</tr>
</tbody>
</table>

### Math

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math of Money 1-2 workbook</td>
<td>$25 sem or yr</td>
</tr>
</tbody>
</table>

### Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology (Honors)</td>
<td>$10 year</td>
</tr>
<tr>
<td>Anatomy 1-2</td>
<td>$15 year</td>
</tr>
<tr>
<td>Chemistry 1-2</td>
<td>$10 year</td>
</tr>
<tr>
<td>Chemistry 1-2 (Honors)</td>
<td>$15 year</td>
</tr>
<tr>
<td>Geology 1-2</td>
<td>$10 year</td>
</tr>
<tr>
<td>Physics 1-2 (Honors)</td>
<td>$15 year</td>
</tr>
<tr>
<td>Ecology/Environ. Science 1-2</td>
<td>$5 year</td>
</tr>
<tr>
<td>ADV. (H) AP Chemistry 1-2</td>
<td>$25 year</td>
</tr>
<tr>
<td>DE BIO 181/182 (Biology)</td>
<td>$25 year</td>
</tr>
<tr>
<td>DE BIO 201/202 (Anatomy)</td>
<td>$25 year</td>
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</tbody>
</table>

### Other

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Band Instrum. Rental</td>
<td>$50 sem*</td>
</tr>
<tr>
<td>Orchestra</td>
<td>$50 sem*</td>
</tr>
</tbody>
</table>

*Semester rental fees for instruments owned by LHHS. Students can also rent with private vendor.

### Optional

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletic Student Card</td>
<td>$20 year</td>
</tr>
<tr>
<td>Athletic Family Pass</td>
<td>$60 season</td>
</tr>
<tr>
<td>P.E. Shorts</td>
<td>$ 8 each</td>
</tr>
</tbody>
</table>

**Fees subject to change**

A district-mandated $1 fee will be charged to each student to enable LHHS to access tax dollars contributed to the tax credit program. A district-mandated $6 fee will be charged to each student as a technology fee.