2020-2021
High School
Course Guide
H·I·G·L·E·Y
UNIFIED SCHOOL DISTRICT
Governing Board approved 12-04-2019
Revised edition Governing Board approved 02-26-2020
Updated: 2/27/2020 9:31 AM
Annual Public Notification of Nondiscrimination

The Higley Unified School District does not discriminate on the basis of race, color, national origin, sex (including sexual orientation and gender identity and expression), age, disability, veteran or military status, religion, or genetic information in the admission or access to, treatment or employment in its educational programs or activities. Inquiries or complaints concerning discrimination may be referred to the District’s Compliance Officer:

Ms. Linda Good, Staff Attorney, 480-279-7000, Linda.Good@husd.org

For inquiries or complaints relating to Section 504 of the Rehabilitation Act (which prohibits discrimination on the basis of disability), the Superintendent designates the following individual(s) as the Section 504 Coordinator:

Ms. Jennifer Corry, Director of Student Services, 480-279-7000, Jennifer.Corry@husd.org

For inquiries or complaints relating to Title IX (which prohibits discrimination on the basis of sex, the Superintendent designates the following individual(s) to act as Title IX Coordinator:

Ms. Linda Good, Staff Attorney, 480-279-7000, Linda.Good@husd.org

Notificación de Non Discriminación
(Spanish Version)

El Distrito Escolar Unificado de Higley no discrimina por motivos de raza, color, origen nacional, sexo (incluida la orientación sexual e identidad y expresión de género), edad, discapacidad, estado veterano o militar, religión o información genética en la admisión o acceso. Tratamiento o empleo en sus programas o actividades educativas. Las consultas o quejas relacionadas con la discriminación pueden remitirse al Oficial de Cumplimiento del Distrito:

Sra. Linda Good, Abogada del Personal, 480-279-7000, Linda.Good@husd.org

Para consultas o quejas relacionadas con la Sección 504 de la Ley de Rehabilitación (que prohíbe la discriminación por motivos de discapacidad), el Superintendente designa a las siguientes personas como Coordinador de la Sección 504:

Sra. Jennifer Corry, Directora de Servicios Estudiantiles, 480-279-7000, Jennifer.Corry@husd.org

Para consultas o quejas relacionadas con el Título IX (que prohíbe la discriminación por sexo, el Superintendent designa a las siguientes personas para que actúen como Coordinador del Título IX)

Sra. Linda Good, Abogada del Personal, 480-279-7000, Linda.Good@husd.org
The Family Educational Rights and Privacy Act (FERPA) is a Federal law that protects the privacy of student education records.

FERPA gives parents certain rights with respect to their children’s education records. These rights transfer to the student when he or she reaches the age of 18 or attends a school beyond the high school level. Students to whom the rights have transferred are "eligible students."

- Parents or eligible students have the right to inspect and review the student’s education records maintained by the school. Schools are not required to provide copies of records unless, for reasons such as great distance, it is impossible for parents or eligible students to review the records. Schools may charge a fee for copies.

- Parents or eligible students have the right to request that a school correct records which they believe to be inaccurate or misleading. If the school decides not to amend the record, the parent or eligible student then has the right to a formal hearing. After the hearing, if the school still decides not to amend the record, the parent or eligible student has the right to place a statement with the record setting forth his or her view about the contested information.

- Generally, schools must have written permission from the parent or eligible student in order to release any information from a student’s education record. However, FERPA allows schools to disclose those records, without consent, to the following parties or under the following conditions (34 CFR § 99.31):
  - School officials with legitimate educational interest;
  - Other schools to which a student is transferring;
  - Specified officials for audit or evaluation purposes;
  - Appropriate parties in connection with financial aid to a student;
  - Organizations conducting certain studies for or on behalf of the school;
  - Accrediting organizations;
  - To comply with a judicial order or lawfully issued subpoena;
  - Appropriate officials in cases of health and safety emergencies; and
  - State and local authorities, within a juvenile justice system, pursuant to specific State law.

Schools may disclose, without consent, "directory" information such as a student’s name, address, telephone number, date and place of birth, honors and awards, and dates of attendance. However, schools must tell parents and eligible students about directory information and allow parents and eligible students a reasonable amount of time to request that the school not disclose directory information about them. Schools must notify parents and eligible students annually of their rights under FERPA. The actual means of notification (special letter, inclusion in a PTA bulletin, student handbook, or newspaper article) is left to the discretion of each school.

Higley Unified School District is committed to the policy of providing equal opportunity in all areas of student services and affirms that there shall be no discrimination against any person or persons because of race, creed, age, color, handicap, sex, religion, or national origin.

In accordance with the federal regulations governing Title IX and Section 504, a school district receiving federal funding must designate a responsible person to coordinate its effort to comply with and carry out the responsibilities of the legislation and regulations. In compliance with the federal regulations, an employee of the Higley Unified School District has been officially designated by the Board as the Title IX/Section 504 coordinator. If you have a concern, please contact the Higley Unified School District Office (480) 279-7000. If your concerns have not been addressed, or if you would like more information on FERPA, please contact:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, D.C. 20202-8520
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GENERAL INFORMATION

*Course Guide will go into effect 5/25/2020

This course guide contains a list of high school (9th-12th grade) courses offered in Higley Unified School District Schools. Graduation requirements, course prerequisites, and other pertinent information are included in this guide. Students need to carefully review their options in order to make informed decisions about the courses they will take to prepare them for opportunities beyond high school. It is critical to review graduation requirements before selecting courses. Technical schools, community colleges, and universities each have unique requirements for entrance that may go beyond what is required to earn a diploma and must be considered when selecting courses. When selecting courses, it is important to make sure that prerequisite requirements have been met. Student selections of courses are used to develop classes as well as assign and hire teachers to meet student requests. Courses may not be available if sufficient registration requests are not received.

Registration Requirements
To register at a Higley Unified School District High School, there are several requirements that must be met. The following will need to be provided at registration:

- Transcript or report card and withdrawal from previous school
- Birth Certificate
- Proof of guardianship (Legal guardians are required to provide the school with proof of guardianship or have filed a petition for application of temporary or permanent guardianship)
- Attendance Area verification-proof of current residency is required
- Per ARS 15-872 immunization records must be provided in order for the student to attend school unless the student has provided full disclosure of the requirements for exemption

Graduation Requirements

| 4 credits of English | 1 credit of American/Arizona History |
| 4 credits of Math | 1 credit of World History |
| 3 credits of Lab Science, one of which must be Biology | .5 credit of Economics |
| 1 credit of Physical Education | .5 credit of American/Arizona Government |
| 6 credits of elective courses | Pass American Civics Test |
| 1 credit of Career and Technical Education (CTE) or Fine Arts |

*All students are required to pass the state-mandated Civics Test in order to graduate.

**All students are required to participate or opt out of the state-mandated CPR training in order to graduate.

***All students in the graduating class of 2022 and beyond are required to take a Math course each year during grades 9 – 12. A high school Math course(s) taken at a Higley Unified School District Middle school will be listed on the high school transcript and be awarded high school elective credit.

Education and Career Action Planning (ECAP)
An ECAP, required by the State Board of Education, reflects a student’s current plan of coursework, career aspirations, and extended learning opportunities to develop the student’s individual academic and career goals. Every student in grades 9-12 shall develop an ECAP in consultation with a school counselor and parent/guardian. The student ECAP may be revised throughout high school to ensure that the student has the opportunity to study careers of his/her choice. Students may access their ECAP plan at www.portal.azcis.intocareers.org
HUSD Advanced STEM Diploma (formerly known as STEM-AHED Diploma)
The Advanced STEM Diploma Designation is an innovative model blending rigorous honors curricula with STEM fields of study in Software Development, Biotechnology, and Engineering. Additionally, students must successfully complete a minimum of three (3) years in the Biotechnology or Engineering Pathway or two (2) years in the Software Development Pathway. Students enrolled in this course of study have the opportunity to earn college credits through advanced placement exams or dual enrollment, and those who complete all requirements for this designation will earn a seal on their high school diploma. (Available at both HUSD High Schools)

<table>
<thead>
<tr>
<th>CURRICULUM</th>
<th>HUSD ADVANCED STEM DIPLOMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>4</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>4</td>
</tr>
<tr>
<td>(see Rigorous or Highly Rigorous pathway for Mathematics courses)</td>
<td>(Honors: Geometry, Algebra II, Honors Pre-Calculus &amp; AP Calculus or AP Statistics)</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>4</td>
</tr>
<tr>
<td>(see Rigorous or Highly Rigorous pathway for Science courses)</td>
<td>Different lab sciences Honors Biology, Honors Chemistry, and two additional sciences, one (1) must be an AP science course</td>
</tr>
<tr>
<td>SOCIAL STUDIES</td>
<td>3</td>
</tr>
<tr>
<td>(see sequence for Social Studies courses)</td>
<td>World History, American History, Government and Economics</td>
</tr>
<tr>
<td>WORLD LANGUAGE</td>
<td></td>
</tr>
<tr>
<td>CTE STEM Program (Software Development, Biotechnology or Engineering)</td>
<td>2 Software Development or 3 Biotechnology or Engineering</td>
</tr>
<tr>
<td>PHYSICAL EDUCATION***</td>
<td>1</td>
</tr>
<tr>
<td>ELECTIVE COURSES</td>
<td>2/3</td>
</tr>
<tr>
<td>TOTAL REQUIRED COURSES</td>
<td>23</td>
</tr>
<tr>
<td>STATE REQUIRED ASSESSMENTS</td>
<td>American Civics Test</td>
</tr>
<tr>
<td>STATE REQUIRED TRAINING</td>
<td>Cardiopulmonary Resuscitation (CPR)</td>
</tr>
</tbody>
</table>

*Student must consult with their counselor and fill out additional paperwork.

HUSD Advanced Honor for Excellence in Academics Diploma
HUSD students planning to apply to universities with competitive admission requirements may pursue the HUSD Advanced Honor for Excellence in Academics designation. Requirements for this designation are outlined below. (Available at both HUSD High Schools)

<table>
<thead>
<tr>
<th>CURRICULUM</th>
<th>HUSD ADVANCED HONOR FOR EXCELLENCE IN ACADEMICS DIPLOMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>4</td>
</tr>
<tr>
<td>(see Rigorous or Highly Rigorous pathway for English courses)</td>
<td>(Honors English 9, Honors English 10, AP English 11 and AP English 12)</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>4</td>
</tr>
<tr>
<td>(see Rigorous or Highly Rigorous pathway for Mathematics courses)</td>
<td>(Honors: Algebra I, Geometry, Algebra II and an *advanced math)</td>
</tr>
<tr>
<td>SCIENCE</td>
<td>4</td>
</tr>
<tr>
<td>(see Rigorous or Highly Rigorous pathway for Science courses)</td>
<td>Different lab sciences Honors Biology, Honors Chemistry, and two additional sciences, one (1) must be an **advanced science course</td>
</tr>
<tr>
<td>SOCIAL STUDIES</td>
<td>3</td>
</tr>
<tr>
<td>(see sequence for Social Studies courses)</td>
<td>World History, American History, Government and Economics</td>
</tr>
<tr>
<td>WORLD LANGUAGE</td>
<td>2 years same language</td>
</tr>
<tr>
<td>ARTS</td>
<td>1</td>
</tr>
<tr>
<td>PHYSICAL EDUCATION***</td>
<td>1</td>
</tr>
<tr>
<td>ELECTIVE COURSES</td>
<td>4</td>
</tr>
<tr>
<td>TOTAL REQUIRED COURSES</td>
<td>23</td>
</tr>
<tr>
<td>GRADE POINT AVERAGE</td>
<td>3.75+ (weighted) GPA</td>
</tr>
<tr>
<td>STATE REQUIRED ASSESSMENTS</td>
<td>American Civics Test</td>
</tr>
<tr>
<td>STATE REQUIRED TRAINING</td>
<td>Cardiopulmonary Resuscitation (CPR)</td>
</tr>
</tbody>
</table>
* “Advanced mathematics” is a mathematics course with Algebra II as a prerequisite.
*** Hands only CPR will be taught in each Physical Education class to fulfill Arizona State Statute requirements.

HUSD Advanced Placement (AP) Capstone Diploma
The College Board’s AP Capstone™ is an innovative college-level program based on two new courses — AP® Seminar and AP Research — that complement and enhance discipline-specific AP courses. The program immerses high school students in the challenging practice of the critical skills students need today. The ability to think independently, write effectively, research, collaborate, and learn across disciplines is essential for success in college and beyond. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma™. This option allows students taking multiple AP courses to distinguish themselves to colleges and universities. Students who earn scores of 3 or higher in AP Seminar and AP Research, but not on four additional AP Exams will receive the AP Seminar and Research Certificate™.

HUSD Service Learning Honor for Excellence Seal
Students will be eligible for the Honor for Excellence in Service Learning seal on their diploma upon completion of approved service learning throughout their four years of high school. Beginning with the graduating class of 2020-2021, 200 hours will be required. Students may earn hours from a combination of curriculum based service learning and extracurricular service sponsored by school clubs or community organizations. (Available at all HUSD High Schools).

Arizona Seal of Biliteracy
To be eligible to be awarded the State Seal of Biliteracy, each student shall demonstrate proficiency in English and a Foreign Language. The student must successfully complete all English Language Arts requirements for graduation with an overall grade point average in those classes of 2.0 or higher on a 4.0 scale, pass ELA end of course examinations and must demonstrate proficiency in a second language through a passing score on the *STAMP test, or receive a score of a 4 or 5 on an **AP world language test. If the student has a primary home language other than English, the student shall obtain a score of proficient based on the AZELLA.

*The STAMP test requires a fee of $25.00  ** AP exam requires an additional fee

Arizona Seal of Civics Literacy
To be eligible to be awarded the Arizona Seal of Civics Literacy, each student shall demonstrate a high level of proficiency in Civics. The student must successfully complete all Social Studies requirements for graduation with an overall grade point average in those classes of 3.0 or higher on a 4.0 scale and pass the Arizona Civics Test. In addition to these requirements, the student must also complete the portfolio requirements from each of the following 4 categories:

1) Civic Learning Programs (must complete 3)
2) Civic Engagement Activities (must complete 2)
3) Service Learning and/or Community Service hours
4) Written Reflection as determined by HUSD

*See school counseling department for additional information and details
Arizona Seal of Personal Finance
To be eligible to be awarded the Arizona Seal of Personal Finance, each student shall demonstrate a high level of proficiency in personal finance. The student must successfully complete all Social Studies requirements for graduation with an overall grade point average in those classes of 3.0 or higher on a 4.0 scale. In addition, the student must also complete all of the following requirements:

1) Pass Personal Finance Assessment adopted by the State Board of Education
2) Complete one Personal Finance Program approved by the State Board of Education
3) Complete one Curricular or Extra-Curricular Program approved by the State Board of Education
4) Complete one College and/or Career Readiness Plan approved by the State Board of Education

*See school counseling department for additional information and details

Arizona Arts Proficiency Seal
The State Seal of Arts Proficiency is awarded to Arizona graduates who complete an arts pathway. The seal is meant to recognize mastery of Arizona arts education standards, cultivate artistic literacy and skills for 21st century success, promote increased access to well-rounded, high quality arts education and prepare students for college and career readiness including active participation in the creative industries sector.

Pathway requirements: To qualify for the Arizona State Seal of Arts proficiency, a student will complete the following requirements:

1) A final GPA of 3.0 or 4.0 in each of the qualifying arts/CTE courses
2) 4 minimum credit requirements in one of the following ways:
   a. A minimum of 4 credits in one artistic discipline
   b. 3 credits in one artistic discipline; and 1 credit in a qualifying CTE credit
   c. 2 credits in one artistic discipline and 2 credits in a qualifying CTE course
3) 30 hours of arts related extracurricular activities*
4) A student capstone project

*See school counseling department for additional information and details

Transfer of Credits
The following are the guidelines for transfer of high school credit. Courses that meet daily for a semester represent .5 credit (a minimum of 80 hours). Those that meet daily for an entire school year represent 1 credit (160 hours). Acceptance of transfer credits from sources outside the Higley Unified School District is not automatic. Coursework completed outside the District will be evaluated to determine whether elective or core credit will be awarded (Governing Board policy JFABC). Following a transfer, the receiving school will evaluate a student’s transcript to identify credits that will be accepted in meeting core requirements and credits that will be accepted as electives; however, within 10 days of enrollment, a student may request to take an exam for any course accepted as an elective. If the student earns a score that demonstrates proficiency, the school will accept the transferred credit as core credit. There will be no retakes offered for these transfer credits.

Transfer students who plan to graduate from a Higley Unified School District high school will be responsible for District graduation requirements. In addition, students must earn at least two (2) credits from one (1) of the District high schools and be enrolled in the school granting the diploma in the semester of graduation.
**Test Out**

The purpose of test out is to allow students to demonstrate course competencies instead of completing the course. Students who believe they are proficient in a course may request a test out exam up to 10 school days beginning with their first day of class. Students who have begun a course or have taken a course in HUSD are not eligible to test out. Students may take only one test out exam per academic class (e.g. a student requesting a test out for a foreign language is allowed to sit for the exam a maximum of one time). Students who request to test out of a year-long course must complete a test for both semesters. The district does not provide study guides, textbooks, or other types of assistance. Credit will be given in the form of a P (pass) on the student’s transcript only if the score is 75% or higher (this grades will not be calculated into the GPA). Once credit is awarded, a student may not take the course. Students should see their counselor for more information.

**Computer-based / Distance Learning / Concurrent Enrollment**

Four credits from correspondence/distance learning courses may be accepted toward the graduation requirements from providers outside the Higley Unified School District. Students may only take one of these courses per school year. Students are required to consult with their counselor and receive prior approval before enrolling in courses outside the Higley Unified School District to ensure that the credit will transfer properly. Core course (Math, English, Science, Social Studies and World Language) will only be accepted for concurrent enrollment from institutions that provide a proctored final exam. It is the student’s responsibility to make sure the course taken complies with the NCAA if applicable to that student.

**Middle School Credit**

District policy allows students to receive high school credit for some middle school courses under the following provisions:

- Students who successfully complete Algebra I and/or Geometry at a HUSD middle school will have the course posted on their high school transcript. The high school transcripts will reflect the grade the student earned; however, the grade will not be calculated in the student’s GPA. A high school math course(s) taken at a Higley Unified School District middle school will be listed on the high school transcript and be awarded high school elective credit. *All students are required to take a math course during each grades 9-12.

- Students who successfully complete Spanish 1A and 1B will receive Spanish 1 credit if they pass both classes consecutively with a C or better. Students desiring to earn World Language credit for Spanish 1 and Spanish II coursework will have to pass both classes with a C or better. Credit will be recorded on the high school transcript. The transcript will reflect the letter grade earned in the course, however, the grade will not be calculated in the student’s GPA.

**Course Load Requirements**

Governing Board policy requires HUSD students to be enrolled in six (6) credit bearing classes until their senior year. Graduating seniors are required to enroll in a minimum of four (4) credit-bearing courses on campus. Seniors need to review their credits with a counselor to ensure that all graduation requirements are being met. Seminary is not a credit bearing course.

**Grade Level**

A graduation cohort is determined by the year of entrance into high school. For example, a student entering high school in 2015 as a freshman is a member of the 2019 cohort. A cohort year is used to determine when a student takes state assessments, credits required to graduate, and expected graduation date.
Attendance Requirements
Since regular attendance is a key to academic success, students need to be in attendance daily. School attendance is the responsibility of the student and parent or guardian.

A student will be considered absent from class if they enter the classroom more than ten minutes after the designated start time (as stated in HUSD board policy regulation JE-R). If the student has a valid reason to be late to class, it will be an excused absence. The absence will be considered unexcused if the student is late without being excused by the school administration or the parent signing in the child late.

- There are two types of absences: excused and unexcused.
- Unexcused absences may result in teacher and/or administrator action, or both.
- A student should attend 90 percent of class sessions to receive credit. Failure to meet this standard may lead to withholding of credit. Cases involving prolonged illness or unusual circumstances will be reviewed by the school administration.
- Release time is given only with permission of parent or guardian.
- Teachers are responsible for recording daily attendance or tardies.
- If tardies become excessive, administrative action will be taken. Please review the attendance procedures and policies listed in the student handbook for additional information.
- A student is considered absent from class if they enter the classroom more than ten (10) minutes after the designated start time.

Absences
An absence is defined as a student not being present in his/her assigned classroom during his/her assigned period. An unexcused absence is any absence from one or more class periods, which has not been excused by a parent and does not meet the excusable absence requirements. Truancy is 5 days of unexcused absences. A student who reaches 10 absences, excused or unexcused, during a semester may lose credit in the class or classes in which the 10 days are recorded. The following procedure will be followed:

- Parents will be notified when students reach 4, 7, and 10 absences.
- When students reach four (4) or more absences they will sign the Audit Notification warning in a conference with administration.
- If students exceed ten (10) absences for any one class they will be placed on audit status for that course.
- Students will remain in the class on audit status and may lose credit.
- Students will need to complete and turn in the Excessive Absence Appeal Form with proper documentation verifying the absences.
- Administration will determine if the appeal is granted.
- The parent or guardian is charged by law with responsibility for the student's consistent school attendance. The Superintendent will enforce the laws regarding attendance, with consideration for the variables that affect children and families.
Audit Status
Absences, excused or unexcused, totaling more than ten (10) percent of the semester and per A.R.S 15-803 is considered excessive. In the Higley Unified School District this equates to ten (10) absences in the same class period during one full semester.

A student may be placed on Audit Status in the applicable course(s) for lack of attendance once s/he has exceeded 10 (ten) percent. Audit Status means credit is forfeited. Should the student wish to earn credit at the end of the semester the following must occur:

- No further absences in the affected course;
- Continue to fully participate in the classroom and course work;
- Earn a minimum 70% in the course and 75% on the final; and
- Have no office referrals for discipline in any class.

A student under sixteen (16) years of age and after eighteen (18) absences during the school year may be referred to the Maricopa County Juvenile Probation Department and/or School Resource Officer for the Court Unified Truancy Suppression program (CUTS).

Students Registering After the 20th Day
If a student registers in a HUSD high school after the 20th day of the semester and has not attended any school during the past 20 school days, the student may be registered and have the opportunity to earn credit if missed work is made up according to the requirements of the classroom teachers.

Withdrawals
Students requesting to withdraw from a course while remaining enrolled in HUSD must receive principal approval. Freshman, sophomores, and juniors are expected to enroll in (6) credit bearing courses. Seniors must be enrolled in at least four (4) credit bearing courses per semester and maintain progress toward high school graduation in four years.

Approved withdrawals from courses will be posted on the student’s transcript according to the following timeline:

- Schedule changes within the first ten (10) days of the semester will not be reflected on the transcript.
- Withdrawals from the 11th day to the end of the quarter in each semester will be posted with a “W”.
- Withdrawals between the quarter of the semester to twenty (20) days prior to the end of the semester will be posted as “W/P” or “W/F” (a “W/F” will make the student ineligible for AIA-sponsored activities for the remainder of the semester).
- No withdrawals are permitted within the last twenty (20) days of the semester.

Grade Improvement
Students who want to improve their grade in English, Math, Science, Social Studies, or World Language courses may repeat the same course through an approved HUSD offered course. Transcripts will reflect the original and repeated course grade. The improved course grade will be the grade of record and will be factored into the GPA. Credit will be given for one course, not both.

Advanced Courses
Advanced Placement (AP) courses are available at both HUSD high schools. AP courses prepare students to take the College Board Advanced Placement examination given in late spring of each school year. Students may be granted advanced placement status and/or college credit on the basis of how well they perform on these tests. Information regarding advanced placement courses and examinations is available from the counseling offices at each high school or please visit http://apcentral.collegeboard.com/home. Students are not required to take an advanced placement course to be eligible to take an advanced placement examination; however, students enrolled in AP courses are expected to take the AP exam.
Dual Enrollment
Dual credit from a college or university course may be granted if prior approval has been received. See school administration for specific information. Dual credit courses require the payment of tuition to the cooperating community college. Dual enrollment credit is earned when the course is taken at a high school in the Higley Unified School District. To receive college credit for a Dual Enrollment course, students must meet all community college enrollment guidelines; earn a ‘C’ or better and pay tuition. Please contact the Dual Enrollment Coordinator for more information. Dual Enrollment courses will provide high school credit as well.

Weighted Courses
Weighted grades are assigned to courses that are accelerated and more challenging. A 5.0 grade-point scale value is possible because of the academic rigor and higher expectations in the work required for that course. Weighted courses are listed with Honors and AP (Advanced Placement) designations in their titles. Grade point average (GPA) for transferring students is recomputed in order to align the transferring classes with the courses offered at Higley Unified School District high schools. Students transferring among HUSD high schools will receive weighted grades only for those classes that align to the receiving school’s AP and Honors classes. Colleges and universities may consider the unweighted or weighted grade point average. Special Education students are required to complete the course of study as prescribed in their Individual Education Plan (IEP).

<table>
<thead>
<tr>
<th>Weighted Courses Grading Scale</th>
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</thead>
<tbody>
<tr>
<td>Percentage</td>
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University and College Requirements and Testing

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<th>Curriculum Requirements</th>
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<td>Curriculum Area</td>
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<tr>
<td>Math</td>
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<td>Science</td>
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<td>Social Studies</td>
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<td>World Language</td>
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<tr>
<td>Physical Education</td>
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<td>Total Required Credits</td>
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Testing
Colleges or universities may require the SAT or the ACT as a requirement for admission. Information and registration is available at http://www.collegeboard.com for the SAT and at www.actstudent.org for the ACT. Information is also available in the counseling office.

The PSAT is a practice test for the SAT. PSAT is the qualifying test to be used for consideration for the National Merit Scholarship Program that must be taken during the junior year (11th grade). The PSAT is given in October of each year. Sophomores are encouraged to take the PSAT as a practice for the junior year PSAT test. Information is available in the counseling office.

Student Athletes
Students that plan to play athletics in college for a NCAA D-I or D-II level school should review requirements at the NCAA Eligibility Center at www.eligibilitycenter.org. Also, students interested in playing competitive sports at NAIA colleges need to register and receive an eligibility determination at http://www.playnaia.org/. Questions regarding academic requirements should be directed to the school’s NCAA Coordinator.

NCAA Eligibility
All prospective student athletes who intend to participate in Division I or Division II athletics as freshmen in college must register and be certified by the NCAA Eligibility Center @ www.ncaa.org

Early Graduation
Early graduation candidates must meet all requirements and early graduation must be deemed appropriate for the students continued education.

- All graduates must complete an early graduation request form. The early graduation form must include signatures from counselor, administrator, parent, and student.
- An early graduation plan with course outline must be included. (It is the student responsibility to submit this plan)
- Continuation of post-secondary education plan should be included.
- High School grades should indicate high school competencies are in place.
- Diplomas will be awarded at commencement.

Class Rank
Class rank for students will be determined as follows:

- Accumulation of total grade points for high school class rankings begins with the ninth (9th) grade, with the exception of weighted honors classes taken within the District prior to the student's ninth (9th) grade year. A student's cumulative grade point average is calculated by dividing the student's accrued course grade points by the number of course units the student has taken to the date of the computation.
- Class ranking will be determined each semester after the completion of one (1) semester in the District, and following each subsequent semester. Class rank will be based only on grades earned in classes that meet or exceed graduation requirements.
- Computation of the rankings for top five percent (5%), top two percent (2%) and top one percent (1%) of the graduating class will be performed following posting of the first (1st) semester grades of the student's senior year.
### Repeating Courses

The following courses may be taken for repeat credit each year:

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<thead>
<tr>
<th>Course</th>
<th>Course</th>
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<tbody>
<tr>
<td>AFJROTC Drill Team/Color Guard</td>
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<td>Percussion Ensemble</td>
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<td>Advanced Graphic Design</td>
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<td>Journalism</td>
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<tr>
<td>Chamber Choir</td>
<td>Marching Band</td>
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<tr>
<td>Concert Band</td>
<td>Men’s Chorale</td>
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### AIR FORCE JUNIOR ROTC

#### THE FOLLOWING APPLIES TO THE AIR FORCE JUNIOR ROTC COURSES:

1. Instructors do **NOT** recruit students into military service, and there is no military obligation incurred through AFJROTC. The program provides benefits to all students, not just the ones that want to go into the military.

2. One course from AFJROTC 1, 2, 3, or 6 will be offered each year on a rotating schedule.

3. AFJROTC Drill Team/Color Guard and Summer Leadership School are offered every year and may be repeated for elective credit.

4. AFJROTC 4 & 5 may be offered. Contact the instructor with any questions.

5. All AFJROTC courses provide leadership training and experience, strengthen character, and promote community service.

6. All textbooks and uniforms are provided by the United States Air Force. Uniforms are worn once a week.

7. Other benefits of the AFJROTC program are that it helps cadets compete for an Air Force Academy appointment or ROTC scholarships. Also, cadets that finish three years of ROTC and enlist in the services after graduation will enter with higher pay.

8. All AFJROTC instruction occurs at HHS. WFHS students may attend either the 0-hour or 7th-hour academic AFJROTC course offering. Transportation to 0-hour at Higley is the responsibility of the student/parents. The district provides transportation after 0-hour to WFHS. For the 7th-hour offering, the district provides transportation to and from HHS for WFHS students; they return to WFHS in time to catch their regular bus home after school.

9. Drill is offered during 0-hour and 8th-hour. The district does not provide transportation to 0-hour or home after 8th-hour.
AFJROTC1 A JOURNEY INTO AVIATION HISTORY (AIR FORCE MANDATE) AF101A/AF102B
MEETS ELECTIVE REQUIREMENT
Introduction to aerospace education and leadership. Cadets gain a basic knowledge of the origins and development of today’s aerospace world. The course covers the development of flight from dreams of the early Chinese to the Gulf War. Fundamentals of Leadership include customs and courtesies of the Air Force and basic drill ceremonies.
- Course Length: 1 year
- Prerequisite: None
- Grade Level: 9, 10, 11, 12
- Credits: 1
- Fees: Refer to fee schedule
- Location: Offered to WF and HHS students-located at HHS

AFJROTC2 SCIENCE OF FLIGHT (AIR FORCE MANDATE) AF103A/AF104B
MEETS ELECTIVE REQUIREMENT
Introduction to aviation science and the physical laws involved. Includes aerospace environment, with and beyond our atmosphere, the human body’s reaction to flight, the theory of flight, and air navigation. Leadership skill stresses communication skills, time management, and cadet corps activities.
- Course Length: 1 year
- Prerequisite: None
- Grade Level: 9, 10, 11, 12
- Credits: 1
- Fees: Refer to fee schedule
- Location: Offered to WF and HHS students-located at HHS

AFJROTC3 EXPLORING SPACE: THE HIGH FRONTIER AF105A/AF106B
MEETS ELECTIVE REQUIREMENT
Development of propulsion systems used in aircraft and space vehicles: the fundamentals of rocketry and its application to spacecraft and the principles underlying space travel. Leadership education emphasizes life skills needed such as financial planning, job applications, resumes, interviews and career opportunities. Cadets assume leadership positions in the cadet corps as cadet officers and non-commissioned officers (NCOs).
- Course Length: 1 year
- Prerequisite: None
- Grade Level: 9, 10, 11, 12
- Credits: 1
- Fees: Refer to fee schedule
- Location: Offered to WF and HHS students-located at HHS

AFJROTC4 SENIOR OPTIONS AF401A/AF402B
MEETS ELECTIVE REQUIREMENT
POLICY AND ORGANIZATION: A brief history of recent presidential administrations. Objectives of the U.S. military services and a description of the aircraft, missions and organization of each branch of service is discussed. SURVIVAL: Instruction will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. GEOGRAPHY: Gains a general knowledge of the Earth’s surface and the processes that shape it. MANAGEMENT OF THE CADET CORPS: The cadet learns and applies the principles of managing the Air Force Junior ROTC Cadet Corps. This hands-on experience affords the student the opportunity to put theories of previous leadership courses into practice.
- Course Length: 1 year
- Prerequisite: AFJROTC 1 and AFJROTC 2
- Grade Level: 12
- Credits: 1
- Fees: Refer to fee schedule
- Location: Offered to WF and HHS students-located at HHS
AFJROTC5 AVIATION HONORS GROUND SCHOOL PROGRAM AF301WA/AF302WB
MEETS ELECTIVE REQUIREMENT
Private Pilots Ground School is an in depth study of flight environment, aircraft systems, engines, weather, air space, navigation, physiology of flight, and Federal Aviation Regulations. Graduates of this course have been given enough information to pass FAA Private Pilots written exam. Student must be approved by the Senior Aerospace Science instructor prior to entry.

Course Length: 1 year  
Prerequisite: AFJROTC 1 and AFJROTC 2  
Grade Level: 11, 12  
Credits: 1 weighted  
Fees: Refer to fee schedule  
Location: Offered to WF and HHS students- located at HHS

AFJROTC6 CULTURAL STUDIES: AN INTRODUCTION TO GLOBAL AWARENESS AF107A/AF108B
MEETS ELECTIVE REQUIREMENT
This course is an introduction to various regions of the world from a geographic, historical and cultural perspective. It provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world. Geopolitical issues such as terrorism, economics, politics, military issues, religion, environmental concerns, human rights, disease, over population, literacy, the migration of peoples and other cultural issues will be explained. The regional areas included in the course are Europe, the Middle East, South Asia, Africa, and Latin America. Cadets will be in leadership positions and learning how to organize and run the Corps.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: Offered to WF and HHS students- located at HHS

AFJROTC7 SURVIVAL: SURVIVE-RETURN AF109A/AF110B
MEETS ELECTIVE REQUIREMENT
This course is designed to introduce various skills that will enhance student's success in life. Curriculum focus are topics such as communication, leadership, decision making, goal setting, survival training (firecraft, expedient shelters, field medicine, traps/snares, food & water during survival, land navigation, signaling, and the psychology of survival), financial responsibility, social responsibility and wellness. Students will explore survival instructions to successfully perform in any situation, all students are eligible to take this course.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: Offered to WF and HHS students- located at HHS

AFJROTC DRILL TEAM/COLOR GUARD AF111A/AF112B
MEETS ELECTIVE OR PHYSICAL EDUCATION REQUIREMENT
This course introduces students to the principles of teamwork, neatness, and precision drill. It builds confidence and strengthens self-esteem. Drill is a very positive activity that instills a heightened sense of discipline and leadership. The Colorguard and Drill team will compete against students in various schools and drill meets (competitions), as well as perform at a variety of school and community events. In addition to drill classes, it will include physical fitness programs and activities such as volleyball, softball, and basketball. NOTE: This course may count in lieu of P.E. requirement. This course may be repeated for elective credit.

Course Length: 1 year  
Prerequisite: Must be in another AFJROTC course  
Grade Level: 9, 10, 11, 12  
Credits: 1 elective or PE  
Fees: Refer to fee schedule  
Location: Offered to WF and HHS students- located at HHS
AFJROTC CADET LEADERSHIP COURSE AF113A
MEETS ELECTIVE REQUIREMENT
Program presents leadership situations to cadets in a 24-hour encampment-style setting for the full 5-day camp. The course is conducted in conjunction with other local area school AFJROTC programs and held near the Grand Canyon National Park. The course of instruction includes camp management, group leadership problems, communication, leadership and organizational dynamics, shelter construction, firecraft, and land navigation. Students will conduct two moderately strenuous hikes that will test their personal endurance – one into the Grand Canyon and one to the summit of Kendrick/Humphries Peak (weather/fire condition dependent). Students selected to attend represent future cadet corps leaders and are chosen based on years in JROTC and Merit, as well as physical fitness. Course numbers are sequential for the number of years attended for .50 credit given for each year. Course requires a nominal fee for transportation Park entry, campground fees, and miscellaneous camp supplies.

Course Length: See Course Description
Prerequisite: One year in JROTC, good physical condition, and approval from the Senior Aerospace Science instructor.
Grade Level: 9, 10, 11, 12

Credits: See Course Description
Fees: Refer to fee schedule
Location: Offered to WF and HHS students- located at HHS

CAREER AND TECHNICAL EDUCATION (CTE)

The Arizona Board of Regents has made a policy change regarding undergraduate admissions for Arizona Residents. The Fine Arts entrance requirement has been changed to a Fine Arts OR Career and Technical Education requirement that can be fulfilled by taking one year of the following courses.

ABOR Policy Manual 2-121 A.1 (6)

FRESHMAN FOCUS FF101A or FF102B
MEETS ELECTIVE REQUIREMENT - DOES NOT MEET CTE REQUIREMENT FOR COLLEGE ADMISSIONS
This class offers hands-on learning experiences that will give students the opportunity to explore various career pathways and begin developing 21st Century workforce skills. This course will help prepare students for the final three high school years, through extensive self-awareness opportunities concerning career goals and interests. This course is designed to enhance communication skills, goal setting, leadership and acceptance of others. Students will have the opportunity to learn about career cluster occupational areas and to explore the many pathways to a successful future.

Course Length: 1 semester
Prerequisite: 8th gr. Teacher recommendation
Grade Level: 9

Credits: 0.5
Fees: None
Location: HHS, WFHS

Location: HHS, WFHS
HONORS BIOSCIENCE I BT107W/BT108W
MEETS CTE or SCIENCE/LAB REQUIREMENT
This course is designed to develop higher levels of lab research technology currently used in the field of biotechnology. Students will develop laboratory skills, critical thinking, and communication skills currently used in the industry. Areas of study include cell structure, function & processes, molecular genetics, and microbiology. This course will prepare students for Bioscience II. This course fulfills college entrance and district graduation requirements. Students are strongly encouraged to participate in the Health Occupations Student Association (HOSA). This course may be offered for dual credit. ADE/CTE approved program- ADE course title: Bioscience I

Course Length: 1 year
Prerequisite: Biology, AP Biology
Grade Level: 10, 11, 12
Credits: 1 weighted
Fees: Refer to fee schedule
Location: WFHS

HONORS BIOSCIENCE II BT109W/BT110WB
MEETS CTE OR SCIENCE/LAB ELECTIVE REQUIREMENT
In this course, students will develop and perform a research experiment. Students will develop higher levels of laboratory research techniques currently used in the field of biotechnology. Students will develop higher levels of laboratory skills, critical thinking, and communication skills used in the industry. Areas of study include DNA, protein structure, function & analysis, bioethics, and careers in bioscience. This course fulfills college entrance and district graduation requirements. This course offers certification as a Lab Technician through the BACExam (Bio-Technician Assistant Credential Exam). Students are strongly encouraged to participate in the Health Occupations Student Association (HOSA). Dual Enrollment opportunity through CGCC available. ADE/CTE approved program- ADE course title: Bioscience II.

Course Length: 1 year
Prerequisite: Honors Bioscience I & Algebra I
Grade Level: 11, 12
Credits: 1 weighted
Fees: Refer to fee schedule/MCCCD tuition if taken for dual enrollment
Location: WFHS

HONORS BIOSCIENCE III** BT111WA/BT112WB
MEETS CTE or ELECTIVE REQUIREMENT
This course applies the concepts of molecular and cellular biology (of bacteria, animals, and plants) to real-world problems, and builds upon the concepts learned in Biotechnology 1-2. Students will learn theory and methods of culturing microorganisms, recombinant DNA technology, and genetic analysis. Students will learn how to use and maintain the basic equipment found in a typical molecular and cellular biology laboratory, as well as bacteriological technique. Independent lab work and research will be an important component of this course. Students are strongly encouraged to participate in the Health Occupations Student Association (HOSA). Dual Enrollment opportunity through CGCC available. ADE/CTE approved program – ADE course title: Bioscience III.

Course Length: 1 year
Prerequisite: Honors Bioscience II
Grade Level: 12
Credits: 1
Fees: Refer to fee schedule / MCCCD tuition if taken for dual enrollment
Location: WFHS
INTRODUCTION TO CRIMINAL JUSTICE CJ201A/CJ202B
MEETS CTE or ELECTIVE REQUIREMENT
This course is designed to be an introduction to crime and society’s responses to it. This course examines the nature and causes of crime, the criminal law, constitutional safeguards, and the organization and operation of the criminal justice system including the police, courts, jails, prisons, probation and parole departments and communicate correction agencies. In addition, the course will cover the history of the criminal justice system, terminology, and career opportunities. Students are encouraged to participate in the SkillsUSA Student Association. This course may be eligible for dual enrollment credit. ADE/CTE approved program- ADE course title: Law and Public Safety I.

Course Length: 1 year
Prerequisite: None
Grade Level: 10, 11
Credits: 1
Fees: Refer to fee schedule/CGCC tuition of taken for dual enrollment
Location: HHS, WFHS

CRIMINAL INVESTIGATION CJ301A/CJ302B
MEETS CTE or ELECTIVE REQUIREMENT
This course is designed to introduce students to the theory of criminal investigation. It will cover the procedures involved with examining crime scenes, case preparation, interviewing and the basic investigative techniques. Students are encouraged to participate in the SkillsUSA Student Association. This course may be eligible for dual enrollment credit. ADE/CTE approved program- ADE course title: Law and Public Safety II

Course Length: 1 year
Prerequisite: Introduction to Criminal Justice
Grade Level: 11, 12
Credits: 1
Fees: Refer to fee schedule/CGCC tuition if taken for dual enrollment
Location: HHS, WFHS

DIGITAL PHOTOGRAPHY I** DP101A/DP102B
MEETS CTE or ELECTIVE REQUIREMENT
This course instructs the basic fundamentals of digital imagery, including image capture, image editing and image output. Camera, computer and printing operations will be covered and aligned with the state standards. Photographic concepts, photographic history and photography as a career will also be covered in this beginning level course. No prior photography skills are required for this course. Students are strongly encouraged to participate in the SkillsUSA Student Association. ADE/CTE approved program- ADE course title: Digital Photography I.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11
Credits: 1
Fees: Refer to fee schedule
Location: WFHS

DIGITAL PHOTOGRAPHY II** DP201A/DP202B
MEETS CTE or ELECTIVE REQUIREMENT
This course builds on the skills learned in Digital Photography I with an emphasis on production for the needs of clients, publication or competition. Special attention will be given to the profession of the photographer as artist and commercial artist. Students will be expected to develop technical expertise and enhance their digital imaging skills. Explorations in the process, production and roll of digital imaging will provide students with the 21st century skills necessary for personal development and the work setting. Areas of concentration include portrait photography, photo documentation and journalism, color photography, and photo essay. Students are strongly encouraged to participate in SkillsUSA Student Association. This course may offer dual enrollment. ADE/CTE approved program- ADE course title: Photography II.

Course Length: 1 year
Prerequisite: Digital Photography I
Grade Level: 10, 11, 12
Credits: 1
Fees: Refer to fee schedule/MCCCD tuition if taken for dual enrollment
Location: WFHS
DIGITAL PHOTOGRAPHY III** DP301A/DP302B
MEETS CTE or ELECTIVE REQUIREMENT
This course is for students who are interested in pursuing photo and graphic communications professionally. Each student will be expected to apply the skills learned in Digital Photography I and II during a service-learning project in which they provide a photographic service to an organization or business. In addition to developing their own personal projects, students will refine professional skills required by the professional graphics industry and prepare for AP photography portfolio. Digital Photography III students will be expected to mentor both Digital Photography I and II students. Students are strongly encouraged to participate in SkillsUSA Student Association. This course may offer dual enrollment. ADE/CTE approved program- ADE course title: Digital Photography III.

Course Length: 1 year  
Prerequisite: Digital Photography II
Grade Level: 11, 12
Credits: 1  
Fees: Refer to fee schedule /MCCCD tuition if taken for dual enrollment
Location: WFHS

DIGITAL PHOTOGRAPHY II – PUBLICATIONS DP203A/DP204B
MEETS CTE or ELECTIVE REQUIREMENT
This course builds on the skills learned in Digital Photography I with an emphasis on production for the needs of clients, publication or competition. Special attention will be given to the profession of the photographer as artist and commercial artist. Students will be expected to develop technical expertise and enhance their digital imaging skills. Explorations in the process, production and roll of digital imaging will provide students with the 21st century skills necessary for personal development and the work setting. Areas of concentration include portrait photography, photo documentation and journalism, color photography, and photo essay. Students in this class will have the opportunity to see their designs realized through real-world applications, including, but not limited to the school yearbook, which may require work outside of class time to complete. Students are strongly encouraged to participate in SkillsUSA Student Association. This course may offer dual enrollment. ADE/CTE approved program- ADE course title: Digital Photography II.

Course Length: 1 year  
Prerequisite: Digital Photography I
Grade Level: 10, 11, 12
Credits: 1  
Fees: Refer to fee schedule/MCCCD tuition if taken for dual enrollment
Location: WFHS

DIGITAL PHOTOGRAPHY III PUBLICATIONS-DP303A/DP304B
MEETS CTE or ELECTIVE REQUIREMENT
This course is for students who are interested in pursuing photo and graphic communications professionally. Each student will be expected to apply the skills learned in Digital Photography I and II during a service-learning project in which they provide a photographic service to an organization or business. In addition to developing their own personal projects, students will refine professional skills required by the professional graphics industry and prepare a photography portfolio. Students in this class will have the opportunity to see their designs realized through real-world applications, including, but not limited to the school yearbook, which may require work outside of class time to complete. Digital Photography III students will be expected to mentor both Digital Photography I and II students. Students are strongly encouraged to participate in SkillsUSA Student Association. This course may offer dual enrollment. ADE/CTE approved program- ADE course title: Digital Photography III.

Course Length: 1 year  
Prerequisite: Digital Photography II-Yearbook
Grade Level: 11, 12
Credits: 1  
Fees: Refer to fee schedule/MCCCD tuition if taken for dual enrollment
Location: WFHS
EARLY CHILDHOOD EDUCATION I EC201A/EC202B
MEETS CTE or ELECTIVE REQUIREMENT
The Early Childhood Education program prepares students for careers in fields working with young children including but not limited to: Child Care Caregivers, Pediatricians, Pediatric Nurses, Pediatric Dental hygienists, Social Workers, Occupational Therapists, etc. This first course in the program addresses the physical, social, emotional, and mental development of the child. Parental, caregiver, and occupational roles in early childhood professions will also be examined. Students will interact with children at the elementary schools and at partner daycare centers when available. Students are encouraged to participate in the FCCLA or FEA Career and Technical Education Student Organization (CTSO). ADE/CTE approved program- ADE course title: Fundamentals of Early Childhood Education.

- Course Length: 1 year
- Prerequisite: None
- Grade Level: 10, 11
- Credits: 1
- Fees: Refer to fee schedule
- Location: HHS, WFHS

EARLY CHILDHOOD EDUCATION II EC301A/EC302B
MEETS CTE or ELECTIVE REQUIREMENT
This course will prepare students for employment in residential, institutional and early childhood settings. The program includes instruction in child growth and development, health, nutrition, safety, and guidance. Students will develop and implement age appropriate learning activities and have opportunities to work with students at district preschools and elementary schools as well as partner child care centers when available. The course will also cover the management of effective childcare programs and facilities and will align with the Child Development Associate (CDA) Credential. Students are encouraged to participate in the FCCLA or FEA Career and Technical Education Student Organization (CTSO). ADE/CTE approved program- ADE course title: Early Childhood Education Applications.

- Course Length: 1 year
- Prerequisite: Early Childhood Education I
- Grade Level: 11, 12
- Credits: 1
- Fees: Refer to fee schedule
- Location: HHS, WFHS

EARLY CHILDHOOD EDUCATION III EC403A/EC404B
MEETS CTE or ELECTIVE REQUIREMENT
This course will focus on the application of skills attained in Early Childhood Education I & II through partnerships with the district preschools and partner child care centers (Students may need a fingerprint clearance). Students will be working towards industry certification: The Child Development Associate Credential. Students will develop lesson plans, classroom management techniques, and a professional work portfolio. Appropriate internship placement assistance will be provided by the program teacher. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 165 hours. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students are strongly encouraged to participate in FCCLA or FEA. ADE/CTE approved program- ADE course title: Early Childhood Education - Internship.

- Course Length: 1 year
- Prerequisite: Early Childhood Education II
- Grade Level: 12
- Credits: 1
- Fees: Refer to fee schedule
- Location: HHS, WFHS
HONORS INTRODUCTION TO ENGINEERING DESIGN EG101WA/EG102WB
MEETS CTE or ELECTIVE REQUIREMENT
This course will introduce students to engineering and design. Students will become familiar with the engineering design development processes and technological systems. Using computer-modeling software, students learn the process of product design. They solve design problems as they develop, create, and analyze product models. Students are strongly encouraged to participate in SkillsUSA Student Association. This course may be eligible for dual enrollment credit. ADE/CTE approved program- ADE course title: Engineering I.

- Course Length: 1 year
- Prerequisite: None
- Grade Level: 9, 10, 11
- Credits: 1 Weighted
- Fees: Refer to fee schedule /College tuition if taken for Dual Enrollment
- Location: HHS, WFHS

HONORS PRINCIPLES OF ENGINEERING EG103WA/EG104WB
MEETS CTE or ELECTIVE REQUIREMENT
This course teaches students to understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Students are strongly encouraged to participate in SkillsUSA. This course may be eligible for dual enrollment credit. ADE/CTE approved program- ADE course title: Engineering II.

- Course Length: 1 year
- Prerequisite: Introduction to Engineering Design
- Grade Level: 10, 11, 12
- Credits: 1 Weighted
- Fees: Refer to fee schedule /College tuition if taken for Dual Enrollment
- Location: HHS, WFHS

HONORS ELECTRICAL AND COMPUTER ENGINEERING EG105WA/EG106WB
MEETS CTE or ELECTIVE REQUIREMENT
This course is the study of electronics and software that is used to process and control digital signals. Electrical Engineering is the foundation of all modern electronic devices such as cell phones, laptop computers, MP3 players, digital cameras and more. Students are strongly encouraged to participate in SkillsUSA Student Association. This class may be offered as Advanced Placement (AP) and/or Dual Enrollment and may be taken concurrently with Honors Principles of Engineering with teacher approval. ADE/CTE approved program- ADE course title: Advanced Engineering III.

- Course Length: 1 year
- Prerequisite: Alg.2 or concurrent enrollment and Honors Introduction to Engineering Design
- Grade Level: 11, 12
- Credits: 1 Weighted
- Fees: Refer to fee schedule/College tuition if taken for dual enrollment
- Location: HHS, WFHS

HONORS ENGINEERING DESIGN AND DEVELOPMENT EG301WA/EG302WB
MEETS CTE or ELECTIVE REQUIREMENT
The knowledge and skill students acquire throughout the Engineering program come together in this course. Students will identify an issue, then research, design and test a solution while working with industry professionals as mentors throughout the year. Ultimately, they will present their solution to a panel of engineers. Student will apply the professional skills they have developed to document a design process to standards, completing EDD program and in preparation for post-secondary programs or a career.

- Course Length: 1 year
- Prerequisites: Honors Principles of Engineering
- Co-requisite: Physics / AP Physics
- Grade Level: 11, 12
- Credits: 1
- Fees: Refer to fee schedule
- Location: WFHS
GRAPHIC DESIGN I GD101A/GD102B
MEETS CTE or ELECTIVE REQUIREMENT
Students will study the fundamentals of graphic design through hands-on experience with relevant technology to prepare them to pursue careers in the creative and visual communication industry. Through exploration and application, students will use visual art and technical concepts to sharpen their critical thinking, logic, communication, organization, and problem solving skills. Students will acquire technical skills through the use of industry design software. Students are strongly encouraged to participate in the SkillsUSA Student Association. ADE/CTE approved program- ADE course title: Graphic Design I.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11
Credits: 1
Fees: Refer to fee schedule
Location: HHS

GRAPHIC DESIGN II– Book Production GD201A/GD202B
MEETS CTE or ELECTIVE REQUIREMENT
This project-based course, applies the graphic design/visual communication techniques learned in Graphic Design I. Students apply these methods and concepts to create an effective production team that produces the Higley Excalibur, using industry standard software. In concert with the development of employability skills, students in Graphic Design II –Book Production will have the opportunity to see their designs, stories and photography concepts published after going through the design process of research, roughs, revise and publish. Work may be required outside of class time to complete this real world application of skills in addition to attending a variety of events hosted by the school. Students are strongly encouraged to participate in the SkillsUSA Student Association. This course may be offered for dual enrollment. ADE/CTE approved program- ADE course title: Graphic Design II

Course Length: 1 year
Prerequisite: Graphic Design I
Grade Level: 10, 11, 12
Credits: 1
Fees: Refer to fee schedule/MCCCD tuition if taken for dual enrollment
Location: HHS

GRAPHIC DESIGN III– Book Production GD301A/GD302B
MEETS CTE or ELECTIVE REQUIREMENT
This project-based course, applies the graphic design/visual communication techniques learned in Graphic Design II-Book Production. Students apply these methods and concepts to create an effective production team that produces the Higley Excalibur, using industry standard software and techniques. In concert with the development of employability skills, students in Graphic Design III-Book Production will have the opportunity to see their designs, stories and photography concepts published after going through the design process of research, roughs, revise and publish. Students in Graphic Design III- Book Design will have the opportunity to learn project management, budgeting and explore roles within a design team, and allow them to develop leadership skills. Work may be required outside of class time to complete this real world application of skills in addition to attending a variety of events hosted by the school. Students are strongly encouraged to participate in the SkillsUSA Student Association. This course may be offered for dual enrollment. ADE/CTE approved program - ADE course title: Graphic Design III.

Course Length: 1 year
Prerequisite: Graphic Design II
Grade Level: 10, 11, 12
Credits: 1
Fees: Refer to fee schedule/MCCCD tuition if taken for dual enrollment
Location: HHS
GRAPHIC DESIGN II—Specialized Design GD203A/GD204B

MEETS CTE, FINE ARTS, or ELECTIVE REQUIREMENT

This project-based course applies the graphic design/visual communication techniques learned in the Graphic Design I class. Students are challenged to apply these methods and concepts previously learned to further develop their design skills by working with clients one on one. While strengthening their design skills through client work and skill exploration, students will explore graphic design industry specializations to drive their project based learning experiences. One of the desired outcome of Graphic Design II—Specialized Design is to prepare students for careers as production artists, graphic and multimedia designers, web development and other specializations within the diverse graphic design industry. The other desired outcome is for students to further develop technical skills in the industry standard design software. Students are strongly encouraged to participate in the SkillsUSA Student Association. This course may be offered for dual enrollment.

ADE/CTE approved program - ADE course title: Graphic Design III

Course Length: 1 year
Prerequisite: Graphic Design I
Grade Level: 10, 11, 12
Credits: 1
Fees: Refer to fee schedule/MCCCD tuition if taken for dual enrollment
Location: HHS

MARKETING MK101A/MK102B

MEETS CTE or ELECTIVE REQUIREMENT

This introductory course, will expose students to many facets of business and marketing including consumer behavior, legal and ethical issues, management, communication, employability skills, leadership, and decision making. Students will explore opportunities in marketing related careers. Part of course work will include the instruction of word processing, spreadsheet, desktop publications and presentation software to create marketing related projects. Students are strongly encouraged to join DECA for leadership and completion opportunities. ADE/CTE approved program- ADE course title: Marketing I.

Course Length: 1 year
Prerequisite: None
Grade Level: 10, 11, 12
Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS
### ADVANCED MARKETING MK103A/MK104B
MEETS CTE or ELECTIVE REQUIREMENT
This course is designed to further the student’s knowledge in the field of marketing. Students will begin to examine product distribution, pricing, selling, market research, product planning, advertising, promotion, and visual merchandising. This course encourages students to think critically and fosters an understanding and appreciation of business ethics. Students are strongly encouraged to join DECA for leadership and competition opportunities. This course may be offered for dual enrollment with a college. ADE/CTE approved program- ADE course title: Marketing II.

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<tr>
<th>Course Length: 1 year</th>
<th>Credits: 1</th>
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<tr>
<td>Prerequisite: Marketing</td>
<td>Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment</td>
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<td>Grade Level: 10, 11, 12</td>
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### RETAIL OPERATIONS MK105A/MK106B
MEETS CTE or ELECTIVE REQUIREMENT
This course is designed to provide students with advanced training in retail sales and marketing and the financial aspect of business operations. Valuable work experience, customer service, merchandising, and money handling skills are gained in a student run based enterprise. Students will get real world work experience managing and running an on campus student based enterprise. Students are strongly encouraged to join DECA for leadership and competition opportunities. This course may be offered for dual enrollment with a College. ADE/CTE approved program- ADE course title: Professional Sales and Marketing. This course may be repeated for elective credit. – ADE course title: Marketing III.

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<tr>
<td>Prerequisite: Advanced Marketing</td>
<td>Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment</td>
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<td>Grade Level: 11, 12</td>
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### ENTREPRENEURSHIP AND MARKETING MK107A/MK108B
This course is designed for students to develop an understanding of what it means to be an entrepreneur and to use their unique skills and talents explored in previous marketing courses to plan, start and market a small business venture. Students will explore entrepreneurship in the context of the individual entrepreneur as well as taking the idea of entrepreneurial thinking into the environment of larger companies. By exploring the process of entrepreneurship from market need to creative problem solving, this course is designed for individuals interested in starting, joining or managing an entrepreneurial enterprise. Students will apply the skills that they have learned in their previous Marketing classes to create a detailed and realizable business plan, exploring competition, business cycles, pricing, distribution, marketing, consumer interest, etc. Students are highly encouraged to become members of DECA a national Career and Technical student organization. ADE/CTE approved program- ADE course title: Professional Sales and Marketing.

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### VIDEO PRODUCTION I MM101A/MM102B
MEETS CTE or ELECTIVE REQUIREMENT
Video Production I prepares students for a career in the video industry by providing them with technical skills in camera operation and video editing using industry standard software applications, including Adobe Premiere Pro, After Effects, and Photoshop. Students will be introduced to the phases of film and TV production: Development, Pre-production, Production, and Post-Production. During this course students will produce a variety of projects, including, commercials, movie trailers, and short documentary films. Students are strongly encouraged to participate in the SkillsUSA Student Association. ADE/CTE approved program- ADE course title: Film and TV Production I.

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<tr>
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<td>Fees: Refer to fee schedule</td>
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<td>Grade Level: 9, 10, 11</td>
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VIDEO PRODUCTION II MM103A/MM104B
MEETS CTE or ELECTIVE REQUIREMENT
Students will build on the technical skills obtained from the Video Production I course to produce digital short films and television broadcasts. Students will develop a deeper understanding of the four phases of production, as applied to the television broadcasting and filmmaking industries. This course has a strong focus on developing the skills necessary to succeed in the TV Broadcasting course. Students are strongly encouraged to participate in the SkillsUSA Student Association. ADE/CTE approved program- ADE course title: Film and TV Production II.

Course Length: 1 year
Prerequisite: Video Production I
Grade Level: 10, 11, 12
Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

TV BROADCASTING MM105A/MM106B
MEETS CTE or ELECTIVE REQUIREMENT
Students enrolled in this course will build on their production experience by writing, producing, directing, and performing a television broadcast each week. Students will also produce commercials, public service announcements, highlight reels, news and feature pieces for the school's weekly TV broadcast. Students will learn advanced editing techniques and graphic skills using industry standard software applications. Students are strongly encouraged to participate in SkillsUSA Student Association. ADE/CTE approved program- ADE course title: Film and TV Production III. This course may be repeated for elective credit.

Course Length: 1 year
Prerequisite: Video Production
Grade Level: 11, 12
Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

SOFTWARE DEVELOPMENT I – AP COMPUTER SCIENCE PRINCIPLES CT205WA/CT206WB
MEETS CTE or ELECTIVE REQUIREMENT
This course is designed to provide students the opportunity to explore real world computing problems using JAVA™ as a primary tool and incorporating multiple platforms for computation. This course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. Students are strongly encouraged to participate in the SkillsUSA Student Association. ADE/CTE approved program- ADE course title: Software and App Design I.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11
Credits: 1 Weighted
Fees: Refer to fee schedule
Location: HHS, WFHS

SOFTWARE DEVELOPMENT II – AP Computer Science A CT301WA/CT302WB
MEETS CTE or ELECTIVE REQUIREMENT
AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. Students are strongly encouraged to participate in the SkillsUSA Student Association. ADE/CTE approved program- ADE course title: Software and App Design II. This course may be repeated for elective credit.

Course Length: 1 year
Prerequisite: Software Development I
Grade Level: 10, 11, 12
Credits: 1 Weighted
Fees: Refer to fee schedule
Location: HHS, WFHS
SPORTS MEDICINE I SM101A/SM102B
MEETS CTE or ELECTIVE REQUIREMENT
Sports Medicine 1 is an introductory level course designed for students interested in fields such as athletic training, physical therapy, medicine, physiology of exercise, biomechanics, and other sports medicine related fields. Students will practice the concepts of patients’ rights, quality of care, communication skills, teamwork, decision-making, and legal and ethical issues. The introductory course includes coursework in the following areas: prevention, evaluation, treatment, and rehabilitation of common sports injuries, health care administration, nutrition, and insurance issues. Anatomy including the musculoskeletal, nervous, circulatory, and respiratory system, will be emphasized throughout the course. Twenty hours observation with the school’s athletic trainer is mandatory. Students will have an opportunity to become CPR/ADE certified for a small fee. Students are strongly encouraged to participate in the Health Occupations Student Association (HOSA).
ADE/CTE approved program- ADE course title: Sports Medicine and Rehabilitation I.
Course Length: 1 year  Credits: 1
Prerequisite: None  Fees: Refer to fee schedule
Grade Level: 10, 11  Location: HHS, WFHS

SPORTS MEDICINE II SM103A/SM104B
MEETS CTE or ELECTIVE REQUIREMENT
Sports Medicine 2 is designed for students interested in athletic training, physical therapy, medicine, physiology of exercise, biomechanics, and other sports medicine related fields. The course covers prevention, treatment, and rehabilitation of advance sports injuries, taping and wrapping of injuries, and emergency procedures. In addition, students will practice the concepts of nutrition, sports psychology, rehabilitation with therapeutic modalities, and fitness/conditioning/strength programs. Observation hours in various off-campus and on-campus sports medicine settings will be required. Students will have an opportunity to become CPR/AED certified for a small fee. Students are strongly encouraged to participate in the Health Occupations Student Association (HOSA). This course may be offered for HES271 dual credit and leads to various industry certifications. ADE/CTE approved program- ADE course title: Sports Medicine and Rehabilitation II.
Course Length: 1 year  Credits: 1
Prerequisite: Sports Medicine I  Fees: Refer to fee schedule/MCCCD Tuition if taken for Dual Enrollment
Grade Level: 11, 12  Location: HHS, WFHS

PERSONAL TRAINING SM201A/SM202B
MEETS CTE or ELECTIVE REQUIREMENT
This course teaches students the basic principles of fitness for the prospective fitness professional and characteristics of quality communication and fitness leadership. Topics include behavior modification, enhancing motivation components of fitness, fitness assessment, risk stratification, exercise programming and modifications. This course will help prepare students to sit for Personal Trainer Certification. Observation hours in various off-campus and on-campus sports medicine settings will be required. Students are strongly encouraged to participate in the Health Occupations Student Association (HOSA). This course may be offered for dual credit and leads to various industry certifications. ADE/CTE approved program. ADE course title: Sports Medicine and Rehabilitation III.
Course Length: 1 year  Credits: 1
Prerequisite: Sports Medicine II  Fees: Refer to fee schedule/MCCCD Tuition if taken for Dual Enrollment
Grade Level: 12  Location: HHS, WFHS
SPORTS MEDICINE PRACTICUM/LAB SM301/SM302
MEETS CTE or ELECTIVE REQUIREMENT
This course builds from skills learned previously in Sports Medicine II. This course offers opportunities for further application of skills dealing with sporting injuries from various programs. Students acquire on-the-job experience working with coaches, athletes, team physicians and other health care professionals. Students are strongly encouraged to participate in the Health Occupations Student Association (HOSA). ADE/CTE approved program – ADE course title: Sports Medicine and Rehabilitation IV.

Course Length: 1 year  Credits: 1
Prerequisite: Sports Medicine II  Fees: Refer to fee schedule
Grade Level: 12  Location: HHS, WFHS

CTE INTERNSHIP BIOSCIENCE BTIN401/BTIN402; ENGINEERING EGIN401A/EGIN402B, MARKETING MKIN401A/MKIN402B, MKOJ401A/MKOJ402B; SPORTS MEDICINE SMIN401A/SMIN402B
MEETS CTE or ELECTIVE REQUIREMENT
The CTE Internship Program has been created as a supplement to formal classroom instruction. Its intent is to add significantly to the vitality and impact of courses that a student has taken in high school and/or post-secondary training. A CTE Internship is a course taken in the sequence of courses of an approved CTE program. The CTE Internship provides CTE students an opportunity to engage in learning through participation in a structured work experience that involves the application of previously developed CTE knowledge and skills. The CTE Internship must be directly related to the CTE program where the credits were earned. Students who are classified as seniors (12th grade) and at least 16 years of age are eligible to participate. Students are strongly encouraged to participate in the CTE organization associated with the program. (DECA, SkillsUSA, HOSA, JEA). Student must turn in the following to be considered: A) internship application B) instructor recommendation form C) resume.

Course Length: 1 year  Credits: 1.0
Prerequisite: Completion of an approved  Fees: Refer to fee schedule
CTE Program  Location: HHS, WFHS
Grade Level: 12

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE DEVELOPMENT EL101A/EL102B AND EL103A/EL104B
MEETS ELECTIVE REQUIREMENT / MEETS ENGLISH REQUIREMENT
This course is designed for students with limited English proficiency/skills. It concentrates on conversational English, academic vocabulary, reading, writing, and grammar. This course meets up to 2 English credits and 2 elective credits, dependent upon the components required.

Course Length: 1 year  Credits: 2-4
Prerequisite: Placement on AZELLA  Fees: None
Grade Level: 9, 10, 11, 12  Location: HHS, WFHS

ENGLISH 9 EN101A/EN102B
MEETS ENGLISH REQUIREMENT
This course is for 9th grade students and builds on students’ prior knowledge of language arts skills. Emphasis is placed on grammar and usage, academic vocabulary, speaking and listening skills, as well as reading literary and informational text. Writing activities will give students practice in organizing and developing various styles of composition, such as: narrative, argument, expository, research, and response to literature.

Course Length: 1 year  Credits: 1
Prerequisite: None  Fees: None
Grade Level: 9  Location: HHS, WFHS, HLC
HONORS ENGLISH 9 EN101WA/EN102WB
MEETS ENGLISH REQUIREMENT
This course is for 9th grade students and involves an in-depth study of the topics in English 9. In addition to the emphasis placed on grammar and usage, academic vocabulary, speaking and listening skills, as well as reading literary and informational text, students will read additional texts in-class and independently. Writing activities will give students practice in organizing and developing various styles of composition, such as: narrative, argument, expository, research, and response to literature.

Course Length: 1 year  Prerequisite: None  Grade Level: 9
Credits: 1 Weighted  Fees: None  Location: HHS, WFHS

ENGLISH 10 EN203A/EN204B
MEETS ENGLISH REQUIREMENT
This course is for 10th grade students and builds on students’ prior knowledge of language arts skills. The curriculum is a balance between reading various types of text and composition. Through the study of literature, informational text, and media, students can improve comprehension and analysis skills. Writing activities will give students practice in organizing and developing various styles of composition with an emphasis on understanding an author’s intent and being able to write a supported argument.

Course Length: 1 year  Prerequisite: 1 English credit  Grade Level: 10
Credits: 1  Fees: None  Location: HHS, WFHS, HLC

HONORS ENGLISH 10 EN203WA/EN204WB
MEETS ENGLISH REQUIREMENT
This course is for 10th grade students and involves an in-depth study of the topics in English 10. Along with covering the English 10 curriculum, students will read additional texts in-class and independently. Through the study of literature, informational text, and media, students can improve comprehension and analysis skills. Writing activities will give students practice in organizing and developing various styles of composition with an emphasis on understanding an author’s intent and being able to write a supported argument.

Course Length: 1 year  Prerequisite: Honors English or teacher approval  Grade Level: 10
Credits: 1 Weighted  Fees: None  Location: HHS, WFHS
AP WORLD HISTORY AND HONORS 10 ENGLISH LANGUAGE ARTS BLEND (BLEND 1) SS201W-BL/SS202W-BL & EN 203W-BL/EN204W-BL
MEETS ENGLISH AND MEETS SOCIAL STUDIES REQUIREMENTS
Blend 1 is AP World History course integrated with Honors ELA. The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding advances through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge used in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Students are expected to take the AP exam. In the Honors ELA course, students will read additional texts in-class and independently. Through the study of literature, informational text, and media, students can improve comprehension and analysis skills. Writing activities will give students practice in organizing and developing various styles of composition with an emphasis on understanding an author’s intent and being able to write a supported argument. The courses cross-walk and integrate themes as well as some readings and documents. The course is designed for rigor and bring the ELA and Social Studies curriculums together when appropriate.

Students registered for this class are expected to take the AP World Exam in the spring. The courses occur simultaneously and include online responsibilities and lessons. This is a two-credit course and the students receive those credits by participating in the classroom as well as by completing and participating fully in all online activities.

Course Length: 1 year
Prerequisite: 9th grade English and application process
Grade Level: 9, 10
Credits: 1.0 English and 1.0 Social Studies
Fees: AP World Exam
Location: HHS, WFHS

ENGLISH 11 EN305A/EN306B
MEETS ENGLISH REQUIREMENT
This course is for 11th grade students and continues to develop reading, writing, and language skills, as well as speaking and listening experiences. Emphasis is placed on reading diverse texts at more critical levels. In addition to writing activities designed to accompany the reading material, attention is placed on refining students’ abilities to write clearly with specific purpose in multiple forms and patterns.

Course Length: 1 year
Prerequisite: 2 English credits
Grade Level: 11
Credits: 1
Fees: None
Location: HHS, WFHS, HLC

AP ENGLISH 11 EN305WA/EN306WB
MEETS ENGLISH REQUIREMENT
This is an Advanced Placement course that follows the AP College Board suggested curriculum designed to parallel college-level English courses. The course will expose students to prose ranging from a historical perspective to contemporary society, with an emphasis on rhetorical analysis and argument. Extensive writing and revision in a variety of styles and tones is an integral part of the curriculum. Students registered for this class are expected to take the AP Exam in the spring. This course may be offered for English dual credit.

Course Length: 1 year
Prerequisite: Honors English or teacher approval
Grade Level: 10, 11
Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
Location: HHS, WFHS
AP UNITED STATES HISTORY AND AP LANGUAGE AND COMPOSITION BLEND (BLEND 2) SS301W-BL/SS302W-BL & EN601W-BL/EN602W-BL

MEETS ENGLISH AND MEETS SOCIAL STUDIES REQUIREMENTS

APUSH/AP Lang Blend is an integration of two Advanced Placement courses. Both courses will follow the suggested AP College Board curriculum designed to parallel college level courses in both subjects. The AP U.S. History course provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. Students will learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in historical scholarship. The AP Language and Composition course will expose students to prose ranging from a historical perspective to contemporary society, with an emphasis on rhetorical analysis and argument. Extensive writing and revision in a variety of styles and tones is an integral part of the curriculum. The courses cross-walk and integrate themes as well as some readings and documents. The course is designed for rigor and bring the ELA and Social Studies curriculums together when appropriate.

Students registered for this class are expected to take both the APUSH Exam and AP Lang Exam in the spring. The courses occur simultaneously and include online responsibilities and lessons. This is a two-credit course and the students receive those credits by participating in the classroom as well as by completing and participating fully in all online activities.

Course Length: 1 year
Prerequisite: 10th grade English and World History and application process
Grade Level: 10, 11
Credits: 1.0 English and 1.0 Social Studies
Fees: (2) AP US Exam and AP Lang Exam
Location: HHS, WFHS

ENGLISH 12 EN407A/EN408B
MEETS ENGLISH REQUIREMENT

This course is for 12th grade students and continues to develop reading, writing, and language skills, as well as speaking and listening experiences. The course is designed to blend reading text and composition into a cohesive whole. Emphasis is placed on analytical and evaluative composition skills in combination with reading diverse critical texts. Students will continue to develop vocabulary and language skills as they write compositions in multiple forms and patterns.

Course Length: 1 year
Prerequisite: 3 English credits
Grade Level: 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS, HLC

AP ENGLISH 12 EN407WA/EN408WB
MEETS ENGLISH REQUIREMENT

This is an Advanced Placement course that follows the AP College Board suggested curriculum designed to parallel college-level English courses. This course will expose students to the critical skills needed to evaluate literature ranging from classical to contemporary forms, with an emphasis on evaluation of literary merit. Extensive writing and revision in a variety of styles and tones is an integral part of the curriculum. Students registered for this class are expected to take the AP Exam in the spring. This course may be offered for English dual credit.

Course Length: 1 year
Prerequisite: Honors English or teacher approval
Grade Level: 11, 12
Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
Location: HHS, WFHS
HONORS MULTICULTURAL LITERATURE EN413WA/EN414WB
MEETS ENGLISH REQUIREMENT
Students will learn classic literature comes from authors of both genders and all ethnicities. By exposing students to voices from culturally diverse backgrounds, students will learn that at the root of our commonalities, we all have a story to share. This course includes introducing students to Literary Criticism with the focus of exposing them to different methods of critique when it comes to studying literature.

Course Length: 1 year
Credits: 1 Weighted
Prerequisite: AP English 11, AP English 12, ELA/SS Blend or teacher recommendation
Grade Level: 12

AP UNITED STATES GOVERNMENT AND AP LITERATURE AND COMPOSITION BLEND (BLEND 3)
SS405W-BL/SS406W-BL & EN407W-BL/EN408W-BL
MEETS ENGLISH AND MEETS SOCIAL STUDIES REQUIREMENTS
AP US Government/AP Macroeconomics & AP Lit Blend is an integration of three Advanced Placement courses. All courses will follow the suggested AP College Board curriculum designed to parallel college level courses in all three subjects. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. Students will learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in academic scholarship. The AP US Government course is designed to help the students analyze the US Constitution and evaluate the political system while endeavoring to help them become informed citizens capable of defending their rights and liberties. The AP Macroeconomics course is designed to give the students a thorough understanding of the principles of economics that apply to the economic system as a whole. The AP English Literature and Composition course focuses on reading, analyzing, and writing about literature. Students close read and critically analyze to deepen their understanding of the ways writers use language to provide both meaning and pleasure. Students evaluate a work’s structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays requiring analysis and interpretation literary works.

Students registered for this class are expected to take the three AP Exams in the spring. The courses occur simultaneously and include online responsibilities and lessons. This is a 2.0 credit course and the students receive those credits by participating in the classroom as well as by completing and participating fully in all online activities.

Course Length: 1 year
Credits: 1.0 English and 1.0 Social Studies
Prerequisite: 11 ELA, US History, and application
Grade Level: 11, 12

JOURNALISM JR101A/JR102B
MEETS ELECTIVE REQUIREMENT
This course covers the field of journalism and introduces students to the concepts of newsworthiness and press responsibility. Emphasis is placed on developing students’ skills in writing and editing stories, headlines, and captions, as well as teaching students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

Course Length: 1 year
Credits: 1
Prerequisite: None
Grade Level: 9, 10, 11, 12

Location: HHS, WFHS
CREATIVE WRITING CW503A or CW504B
MEETS ELECTIVE REQUIREMENT
This course offers students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

- Course Length: 2 Semesters
- Prerequisite: None
- Grade Level: 10, 11, 12

Credits: .50
Fees: None
Location: HHS, WFHS

COLLEGE PREP ENGLISH 1 & 2 (will be Dual Enrollment ENG 101/102)
This is a college-level course designed for students to complete English 101 and 102 at the university. English 101 students will read nonfiction essays, complete an argumentative research paper, an I-Search paper and other writing forms. English 102 students will learn research techniques for a critical analysis paper, and critique two major novels and a play. AP and dual enrollment courses are college-level courses, and some reading selections may contain mature subject matter.

- Course Length: 1 Year
- Prerequisite: 3 English credits
- Grade Level: 12

Fees: Tuition if taken for Dual Enrollment
Location: HHS, WFHS

AP ART HISTORY AH301WA/AH302WB
MEETS FINE ARTS REQUIREMENT OR ELECTIVE CREDIT
The Advanced Placement course in Art History is a full year introductory college course exploring the nature of art, its uses, the meanings of art, the making of art and the responses to it. Students will investigate diverse artistic traditions of cultures from prehistory to the present. The course is designed to increase the students understanding of art, artists, styles and techniques through an in-depth and holistic approach. Students will apply skills visually, contextually, and comparatively to engage and analyze a variety of art forms connecting the to the processes of history. Students will take the AP Exam in May.

- Course Length: 1 Year
- Prerequisite: World History or Teacher approval
- Grade Level: 10, 11, 12

Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
Location: HHS, WFHS

CONCERT CHOIR MU103A/MU104B
MEETS FINE ARTS REQUIREMENT
This course provides the beginning music student the opportunity to learn the fundamentals of reading music and singing in an ensemble. The basics of score reading, rhythms, sight reading, and vocal training will be emphasized. Uniforms or special concert attire may be required. This course may be repeated for elective credit.

- Course Length: 1 Year
- Prerequisite: None
- Grade Level: 9, 10, 11, 12

Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS
CHAMBER CHOIR MU105A/MU106B
MEETS FINE ARTS REQUIREMENT
This course provides advanced music students the opportunity to increase their knowledge of the essentials of reading music and singing in an ensemble. Advanced score reading, rhythms, sight reading, and vocal training will be emphasized. Students will be exposed to a wide variety of musically and stylistically challenging songs. Vocal training will be tailored to suit the more developed voice. Dance may be required. Uniforms or special concert attire will be required. This course may be repeated for elective credit.

Course Length: 1 Year
Prerequisite: Audition
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

ADVANCED VOCAL ENSEMBLE MU107A/MU108B
MEETS FINE ARTS REQUIREMENT
This course provides the above-average music student the opportunity to increase their knowledge of the fundamentals of reading music and singing in an ensemble. More advanced score reading, rhythms, sight reading, dance, and vocal training will be emphasized. Choir will be exposed to a wide variety of stylistically challenging music. Uniforms or special concert attire will be required. Uniforms or special concert attire will be required. This course may be repeated for elective credit. This course may be repeated for elective credit.

Course Length: 1 Year
Prerequisite: Audition or instructor approval
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

MEN'S CHORALE MU127A/MU128B
MEETS FINE ARTS REQUIREMENT
Designed for the male voice, this course provides the beginning music student the opportunity to learn the fundamentals of reading music and singing in an ensemble. The basics of score reading, rhythms, sight reading, and vocal training will be emphasized. Uniforms or special concert attire may be required. Performances are required. This course may be repeated for elective credit.

Course Length: 1 Year
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

TREBLE CHOIR MU129A/MU130B
MEETS FINE ARTS REQUIREMENT
This Course provides the intermediate/advanced soprano and alto the opportunity to reinforce the fundamentals of reading music and singing in a performance level ensemble. Score reading, rhythms, sight reading, and vocal training will be emphasized. Uniforms or special concert attire are required. Soprano and alto only (male trained falsetto may audition, but are not guaranteed enrollment). This course may be repeated for elective credit.

Course Length: 1 Year
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

BEGINNING DANCE DA101A/DA102B
MEETS FINE ARTS or PHYSICAL EDUCATION REQUIREMENT
This course is an introduction to dance technique and composition. Ballet, modern, jazz, choreography, body mechanics, and dance research will be explored. Students are required to participate in dance concerts each semester, as well as extra rehearsals scheduled to produce the concerts. This course may be repeated for elective credit.

Course Length: 1 Year
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 1 Fine Art or 1 P.E.
Fees: Refer to fee schedule
Location: HHS, WFHS
INTERMEDIATE DANCE DA103A/DA104B
MEETS FINE ARTS or PHYSICAL EDUCATION REQUIREMENT
This course includes intermediate technique in ballet, modern, jazz, body mechanics, choreography, and dance research. Students will produce choreography for concerts. Performance in each semester’s dance concert and production work is required, as well as extra rehearsals scheduled to produce the concerts. This course may be repeated for elective credit.

Course Length: 1 Year
Prerequisite: Beginning Dance or instructor approval
Grade Level: 9, 10, 11, 12

Credits: 1 Fine Art or 1 P.E.
Fees: Refer to fee schedule
Location: HHS, WFHS

ADVANCED DANCE DA105A/DA106B
MEETS FINE ARTS or PHYSICAL EDUCATION REQUIREMENT
This course includes advanced technique in ballet, modern, jazz, body mechanics, and dance research. Students will be required to produce choreography for concerts in fall and spring. Performance in each semester’s dance concert and production work is required, as well as participation in extra scheduled rehearsals to produce concerts. This course may be repeated for elective credit.

Course Length: 1 Year
Prerequisite: Audition
Grade Level: 9, 10, 11, 12

Credits: 1 Fine Art or 1 P.E.
Fees: Refer to fee schedule
Location: HHS, WFHS

DANCE COMPANY DA107A/DA108B
MEETS FINE ARTS or PHYSICAL EDUCATION REQUIREMENT
This course provides an opportunity for students to excel in modern, jazz, ballet and become more sophisticated in choreography and dance research. Students are required to produce choreography for and perform in each semester’s concert, as well as extra rehearsals scheduled to produce the concerts. This course consists of school performances, concerts, workshops and dance conventions. This course may be repeated for elective credit. Daily extra rehearsal time is required.

Course Length: 1 Year
Prerequisite: Audition
Grade Level: 9, 10, 11, 12

Credits: 1 Fine Art or 1 P.E.
Fees: Refer to fee schedule
Location: HHS, WFHS

ADVANCED ELITE DANCE DA205A/DA206B
MEETS FINE ARTS or PHYSICAL EDUCATION REQUIREMENT
This course includes advanced technique in ballet, modern, jazz, body mechanics, and dance research. Students will be required to produce choreography for concerts in fall and spring. This course will build choreography and performance skills at a higher level. Performance in each semester’s dance concert and production work is required, as well as participation in extra scheduled rehearsals to produce concerts. The class will have a chapter for National Honors Society and will have requirements to meet in and out of the classroom. Daily extra rehearsal time is required.

Course Length: 1 Year
Prerequisite: Audition
Grade Level: 11, 12

Credits: 1 Fine Art or 1 P.E.
Fees: Refer to fee schedule
Location: HHS, WFHS
CONCERT BAND MU123A/MU124B
MEETS FINE ARTS REQUIREMENT
This ensemble offers students an opportunity to perform a wide range of quality band literature in the high school setting. This course is designed to give students a solid background on their instrument and reinforce music reading skills. Students will demonstrate their skills at mandatory concerts throughout the year. Attendance, participation, and special concert attire is mandatory. It is also recommended that students participate in the marching band, however, it is not required. Some combined out of school rehearsals with percussion required. This course may be repeated for elective credit.

Course Length: 1 Year
Prerequisite: Middle School band or instructor approval
Grade Level: 9, 10, 11, 12

CREDITS: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

PERCUSSION ENSEMBLE MU113A or MU114B
MEETS FINE ARTS CREDIT REQUIREMENT
This class is a performance-oriented class which covers the fundamentals of percussion performance from reading rhythms and notes, to the various techniques involved in playing timpani, bass drum, snare drum and keyboard instruments. Additional fees are required for extra-curricular activities. This course may be repeated for elective credit.

Course Length: 1 or 2 semesters
Prerequisite: Audition
Grade Level: 9, 10, 11, 12

CREDITS: 0.5 FA or 1 FA
Fees: Refer to fee schedule
Location: HHS, WFHS

WINTER DRUMLINE MU214B
MEETS FINE ARTS or PE CREDIT REQUIREMENT
Percussion students enroll in Winter Drumline for the spring semester and consists of students in grades 10-12 and perform at competitions, pep rallies, and other functions. Additional fees are required for extra-curricular activities. This course may be repeated for elective credit.

Course Length: 1 semester (spring)
Prerequisite: Audition
Grade Level: 10, 11, 12

CREDITS: 0.5 FA or 0.50 PE
Fees: Refer to fee schedule
Location: HHS, WFHS

SYMPHONIC BAND MU109A/MU110B
MEETS FINE ARTS REQUIREMENT
The Symphonic Band is the top performance band on campus. Comprised of the best musicians on campus, this course provides an opportunity to work on a higher level of musicality and requires strong discipline and hard work. A wide range of musical forms and styles are played throughout the year. Attendance, participation, and special concert attire is required at all events. Some combined out of school rehearsals with percussion required. This course may be repeated for elective credit.

Course Length: 1 year
Prerequisite: Audition
Grade Level: 9, 10, 11, 12

CREDITS: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

JAZZ BAND MU1181A/MU1182B
MEETS FINE ARTS REQUIREMENT
This course provides an opportunity for highly skilled band students to perform in a “gigging” band. Students will learn improvisation, lead playing, jazz literature, different styles, as well as rhythm and syncopation. Students will demonstrate their skills with concerts (gigs) and competitions throughout the semester. Attendance, participation, and special concert attire is required at all events. Wind, percussion and brass students must have participated in a fall instrumental ensemble. This course may be repeated for elective credit.

Course Length: 1 year
Prerequisite: Audition
Grade Level: 9, 10, 11, 12

CREDITS: 1
Fees: Refer to fee schedule
Location: HHS, WFHS
AP MUSIC THEORY MU101WA/MU102WB
MEETS FINE ARTS REQUIREMENT
Students will be provided with a thorough understanding of basic music theory, notation and styles. Students will learn and practice sight-reading and analytical skills. Students will also begin work in transposition, vocal and instrumental ranges and part writing. They will apply these skills toward composing and arranging for vocal and instrumental ensembles. This honors course will prepare students to take the AP test.

Course Length: 1 year
Prerequisite: Ability to read music/instructor approval
Grade Level: 10, 11, 12
Credits: 1 Weighted
Fees: AP Exam
Location: HHS, WFHS

CONCERT ORCHESTRA MU125A/MU126B
MEETS FINE ARTS REQUIREMENT
This course provides opportunity for strings player to perform and grow as a musician. This ensemble offers students an opportunity to perform a wide range of musical forms and styles or quality string orchestra literature in the high school setting. Students will demonstrate their skills at mandatory concerts, performances and festivals throughout the year. Attendance, participation, and special concert attire is required at all events. This course may incorporate music theory, music history, listening, and composition. Encouragement and opportunity for further solo and exposure is provided. This course may be repeated for elective credit.

Course Length: 1 year
Prerequisite: Instructor approval
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS

STRING ORCHESTRA MU119A/MU120B
MEETS FINE ARTS REQUIREMENT
This course provides opportunity for the highly skilled strings player to perform and grow as a musician. This ensemble offers students an opportunity to perform a wide range of musical forms and styles of quality string orchestra literature in the high school setting. Students will demonstrate their skills at mandatory concerts, performances and festivals throughout the year. Attendance, participation, and special concert attire is required at all events. This course may incorporate music theory, music history, listening, and composition. Encouragement and opportunity for further solo and ensemble exposure is provided. This course may be repeated for elective credit.

Course Length: 1 year
Prerequisite: At least two years of orchestra ensemble experience, one year of private instruction or instructor approval
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: Refer to fee schedule
Location: HHS, WFHS

BAND AUXILIARY CORPS/COLOR GUARD MU121A
MEETS FINE ARTS or PHYSICAL EDUCATION REQUIREMENT
This course is a supplement to the marching band for the fall. In this course students will learn about dance and body movements and will work with equipment such as flags, rifles, and sabers. Students in this course are a part of the marching band and will perform/compete in all marching band activities. Students are required to participate in all out of school events as well as in school activities associated with the marching band. Additional fees are required for extra-curricular activities. This course may be repeated for credit.

Course Length: 1 semester (fall)
Prerequisite: Audition
Grade Level: 9, 10, 11, 12
Credits: 0.5 Fine Art or 0.50 P.E.
Fees: Refer to fee schedule
Location: HHS, WFHS
BAND AUXILIARY CORPS/WINTER GUARD MU122B
MEETS FINE ARTS or PHYSICAL EDUCATION REQUIREMENT
In this course students will learn about dance and body movements and will work with equipment such as flags, rifles and sabers. Students are required to compete in WGAZ/WGI competitions which are held outside of school. Additional fees are required for extra-curricular activities. This course may be repeated for credit.

- Course Length: 1 semester (spring)
- Prerequisite: Audition or Colorguard
- Grade Level: 9, 10, 11, 12
- Credits: 0.5 Fine Art or 0.50 P.E.
- Fees: Refer to fee schedule
- Location: HHS, WFHS

MARCHING BAND MU117A
MEETS FINE ARTS or PHYSICAL EDUCATION REQUIREMENT
Band musicians and Colorguard students enroll in the marching band for the fall term. The marching band consists of students in grades 9-12 and performs at football games, pep rallies, parades, competitions, and other functions of the combined groups. This course typically meets daily during “0” hour. Marching band requires attendance at out of school rehearsals, performances, and festivals. It may be necessary to rent instruments, purchase cleaning or maintenance supplies, and buy instructional materials. Additional fees are required for extra-curricular activities. For reasons of instrumental balance, the director may require a student to change instruments. Students are expected to be in a regularly scheduled ensemble during the school day for the entire school year to be eligible for participation in the marching band. This course may be repeated for credit.

- Course Length: 1 semester (fall)
- Prerequisite: Audition
- Grade Level: 9, 10, 11, 12
- Credits: 0.5 Fine Art or 0.50 P.E.
- Fees: Refer to fee schedule
- Location: HHS, WFHS

BEGINNING GUITAR LEVEL 1 MU131A/MU132B
MEETS FINE ARTS CREDIT
This one-year course is designed for students with no previous guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar on a beginning level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include: correct posture, note reading, aural skills, flat picking, singing songs, rhythmic patterns, chord study, finger picking styles, musical forms, improvisation and performing experiences. This elective course for high school may be repeated for credit.

- Course Length: 1 or 2 semesters
- Prerequisite: Open Enrollment
- Grade Level: 9, 10, 11, 12
- Credits: 0.5 Elective or 1 Elective
- Fees: Refer to fee schedule
- Location: HHS, WFHS

INTERMEDIATE GUITAR LEVEL II MU133A/MU134B
MEETS FINE ARTS CREDIT
This one-year course is designed for students who have successfully completed the skills outlined in the Beginning Guitar syllabus. This course includes further development of the skills necessary to become independent as a guitarist. This course emphasizes the development of style, articulation, dynamics, rhythmic ability and skills inherent to performance. Students will receive guidance and direction in solving problems related to playing the guitar on an intermediate level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include: correct posture, note reading, aural skills, flat picking, singing songs, rhythmic patterns, chord study, and finger picking styles, musical forms, and improvisation and performing experiences. A progression of technical proficiency is expected.

- Course Length: 1 or 2 semesters
- Prerequisite: Beginning Guitar or audition
- Grade Level: 9,10,11, 12
- Credits: .5 or 1 elective credit
- Fees: Refer to fee schedule
- Location: HHS, WFHS
THEATRE ARTS I PA109A/PA110B
MEETS FINE ARTS REQUIREMENT
This course will provide students with a study of the various aspects of theatre performance. Major topics include: movement, improvisational techniques, monologue presentations, acting in short scenes, vocal techniques, theatre history and the basics of theatre production.

Course Length: 1 year Credits: 1
Prerequisite: None Fees: Refer to fee schedule
Grade Level: 9, 10, 11, 12 Location: HHS, WFHS

THEATRE ARTS II PA111A/PA112B
MEETS FINE ARTS REQUIREMENT
This course will provide students with more advanced acting techniques, including monologue presentation, scene study, audition techniques and production. Emphasis will be performance based. Additional time outside of class may be required.

Course Length: 1 year Credits: 1
Prerequisite: Audition or instructor Fees: Refer to fee schedule
approval Location: HHS, WFHS
Grade Level: 9, 10, 11, 12

THEATRE ARTS III PA113A/PA114B
MEETS FINE ARTS REQUIREMENT
This course will provide students with more advanced acting techniques and opportunities to work in-depth to refine their acting skills. Emphasis will focus on method, historical and literary genres. In addition to classroom performances, students may focus on festival competitions as well as general audience performances. Additional time outside of class may be required.

Course Length: 1 year Credits: 1
Prerequisite: Audition or instructor Fees: Refer to fee schedule
approval Location: HHS, WFHS
Grade Level: 10, 11, 12

ADVANCED THEATRE PA201A/PA202B
MEETS FINE ARTS REQUIREMENT
This course will provide advanced acting students with advanced acting and audition techniques, styles, and in depth character analysis. Emphasis will be performance based. Course may include production work, playwriting and directing. This course may be repeated for elective credit. Additional time outside of class may be required.

Course Length: 1 year Credits: 1
Prerequisite: Audition or instructor Fees: Refer to fee schedule
approval Location: HHS, WFHS
Grade Level: 11, 12

Musical Theatre PA135A/PA136B
MEETS FINE ARTS REQUIREMENT
This class is a survey of American Musical Theatre. Students will go through the history of the genre over the course of nearly a century. Connections to the impact on history and society will be covered through this course. Students will receive instruction and technique in theatre, singing and dance, and will perform both individually, in duos and as a part of an ensemble for an audience. This class can be taken concurrently with another theatre course.

Course Length: 1 year Credits: 1
Prerequisite: Audition Grade Level: 9, 10, 11, 12
Fees: Refer to fee schedule Location: HHS, WFHS
TECHNICAL THEATRE PA107A/PA108B  
MEETS FINE ARTS REQUIREMENT  
This course will provide students with a study of all fundamentals involved in theatre production. Topics include scene design and construction, costume, makeup, properties, lighting and sound design, stage management, theatre history, and production. Students will apply their knowledge to hands-on projects in theatre arts, additional time outside of class may be required. The class can be repeated for elective credit. Opportunities to work with Higley Center for the Performing Arts staff may be available.  
Course Length: 1 year  
Prerequisite: Beginning Acting or instructor approval  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: HHS, WFHS

BEGINNING ART AR101A/AR102B  
MEETS FINE ARTS REQUIREMENT  
This course fulfills the fine arts requirement and is designed for the serious art student as an in-depth study of the visual arts for the aspiring artist. This course is highly recommended for students wishing to continue taking courses in the visual arts. Studies will include the elements of art and design principles leading to portfolio development.  
Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: HHS, WFHS

INTERMEDIATE ART AR103A/AR104B  
MEETS FINE ARTS REQUIREMENT  
This course is designed for serious art students interested in continuing to develop their portfolio. Homework projects and regular critiques are components of this class. This course will expand upon Beginning Art, exploring various techniques and concepts in both 2D and 3D.  
Course Length: 1 year  
Prerequisite: Beginning Art  
Grade Level: 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: HHS, WFHS

AP STUDIO ART – (2D or 3D) AR105WA/AR106WB  
MEETS FINE ARTS REQUIREMENT  
This course is intended for students committed to serious study in art. AP work involves significantly more time and rigor than other art courses. Students will select and submit their work for evaluation by a group of artists and teachers. The evaluation will allow students to demonstrate their ability with fundamentals of the visual arts. Students will produce a portfolio of 24 separate works. Students are expected to take the AP exam. This course may be offered for Dual Enrollment.  
Course Length: 1 year  
Prerequisite: Portfolio audition or 2 Visual Art credits  
Grade Level: 11, 12  
Credits: 1 Weighted  
Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment, AP Exam  
Location: HHS, WFHS

BEGINNING CERAMICS CR101A/CR102B  
MEETS FINE ARTS REQUIREMENT  
Students will explore the nature of clay and glazes, hand forming methods, throwing on the potter’s wheel, decorative processes and glaze applications.  
Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: HHS, WFHS
INTERMEDIATE CERAMICS CR103A/CR104B  
MEETS FINE ARTS REQUIREMENT  
Students will continue to explore the nature of clay and glazes, hand forming methods and throwing on the potter's wheel. More advanced projects will be explored.

Course Length: 1 year  
Prerequisite: Beginning Ceramics  
Grade Level: 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: HHS, WFHS

ADVANCED CERAMICS CR105A/CR106B  
MEETS FINE ARTS REQUIREMENT  
Students will continue to explore the nature of clay and glazes, hand forming methods and throwing on the potter's wheel. More advanced projects will be explored. This course may be repeated for elective credit.

Course Length: 1 year  
Prerequisite: Intermediate Ceramics  
Grade Level: 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: HHS, WFHS

DRAWING DR101A/DR102B  
MEETS FINE ARTS REQUIREMENT  
Students will learn drawing techniques based on the principles of art and design. Projects will include drawing with pencils, pastels, charcoal and ink on various types of papers and boards. Class time will be spent learning and improving skills and researching art techniques. Short research papers will be required. This course may be offered for Dual Enrollment.

Course Length: 1 year  
Prerequisite: Beginning Art or instructor approval  
Grade Level: 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment  
Location: HHS, WFHS

PAINTING DR103A/DR104B  
MEETS FINE ARTS REQUIREMENT  
This course is for students who want to continue their artistic development. Projects will include watercolor painting, oil painting, acrylic painting airbrush and screen, and block printmaking. Students will be encouraged to investigate media and subject matter that is of particular interest to them. Short research papers may be required. This course may be offered for Dual Enrollment.

Course Length: 1 year  
Prerequisite: Beginning Art or instructor approval  
Grade Level: 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment  
Location: HHS, WFHS

ALGEBRA I MA101A/MA102B  
MEETS MATH REQUIREMENT  
This course is designed to deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. In addition, students engage in methods for analyzing, solving and using quadratic functions. This course prepares students for more advanced study of math and science. This course can be taken concurrently with Honors Geometry.

Course Length: 1 year  
Prerequisite: Math 8  
Grade Level: 9  
Credits: 1  
Fees: None  
Location: HHS, WFHS
GEOMETRY MA201A/MA202B
MEETS MATH REQUIREMENT
This course is meant to employ an integrated approach to the study of geometric relationships. Congruence and similarity of triangles will be established using appropriate theorems. Transformations including rotations, reflections, translations, and glide reflections and coordinate geometry will be used to establish and verify geometric relationships. A major emphasis of this course is to allow students to investigate geometric situations. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences. This course prepares students for more advanced studies of math and science.

Course Length: 1 year  
Prerequisite: Algebra I  
Grade Level: 9, 10  
Credits: 1  
Fees: None  
Location: HHS, WFHS

HONORS GEOMETRY MA201WA/MA202WB
MEETS MATH REQUIREMENT
This is a course in plane and solid geometry for students who have proven their exceptional interest, ability, and industry in mathematics. The content of the regular geometry course will be covered in depth with additional topics in analytic geometry, trigonometry, and constructions. This course prepares students for more advanced studies of math and science. This course can be taken concurrently with Algebra I.

Course Length: 1 year  
Prerequisite: Algebra I with B or better/teacher recommendation  
Grade Level: 9, 10  
Credits: 1 Weighted  
Fees: None  
Location: HHS, WFHS

ALGEBRA II MA303/MA304
MEETS MATH REQUIREMENT
This course extends the concepts of Algebra I (linear, quadratic, and exponential functions) to include polynomial, rational, and radical functions. Students will refine their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. This course prepares students for more advanced studies of math and science. A graphing calculator is highly recommended for this course.

Course Length: 1 year  
Prerequisite: Geometry  
Grade Level: 10, 11  
Credits: 1  
Fees: None  
Location: HHS, WFHS

HONORS ALGEBRA II MA303WA/MA304WB
MEETS MATH REQUIREMENT
This is an Algebra II course that extends the concepts of Algebra II by adding depth and complexity of the core standards to this course. Students will be given opportunities to delve deeper into Algebra II through tasks which encourage extended thinking to develop advanced depth of knowledge. This course prepares students for more advanced studies of math and science to include Pre-Calculus and AP Calculus. A graphing calculator is highly recommended for this course. This course may be taken concurrently with Honors Geometry.

Course Length: 1 year  
Prerequisite: Honors Geometry with C or better/teacher recommendation or Geometry with B or better/teacher recommendation  
Grade Level: 9, 10, 11  
Credits: 1 Weighted  
Fees: None  
Location: HHS, WFHS
ALGEBRAIC FUNCTIONS A MA305A/MA306B
MEETS MATH REQUIREMENT WITH SIGNED PERSONAL CURRICULUM PLAN
This course extends the concepts of Algebra I and Geometry. It will include polynomial, rational, radical, and trigonometric functions. This course prepares students for Algebraic Functions B. A graphing calculator is recommended for this course.

- Course Length: 1 year
- Prerequisite: Algebra I, Geometry and Personal Curriculum Plan
- Grade Level: 11
- Credits: 1
- Fees: None
- Location: HHS, WFHS

ALGEBRAIC FUNCTIONS B MA411A/MA412B
MEETS MATH REQUIREMENT WITH SIGNED PERSONAL CURRICULUM PLAN
This course extends the concepts of Algebra I and Geometry. It will include solving exponential and logarithm functions, transformations of functions, statistics and probability concepts. This course prepares students for more advanced studies of math and science. A graphing calculator is recommended for this course.

- Course Length: 1 year
- Prerequisite: Alg. Functions A and Personal Curriculum Plan
- Grade Level: 12
- Credits: 1
- Fees: None
- Location: HHS, WFHS

PRE-CALCULUS MA313A/MA314B
MEETS MATH REQUIREMENT
This course will develop a students’ working knowledge of college-level mathematics and its applications to real-life problems by extending the concepts learned in Algebra II and adds new concepts. Topics will include: functions, systems, introduction to sequences and series, trigonometric functions, trigonometric formulas, and complex numbers. A graphing calculator is highly recommended for this course. This course is offered for Dual Enrollment

- Course Length: 1 year
- Prerequisite: Algebra II with C or better/teacher recommendation
- Grade Level: 9, 10, 11, 12
- Credits: 1
- Fees: None
- Location: HHS, WFHS

HONORS PRE-CALCULUS MA405WA/MA406WB
MEETS MATH REQUIREMENT
Pre-calculus provides an advanced treatment of functions, systems, limits, conics, polar and rectangular coordinate systems, vector analysis, probability and trigonometry. It is intended to prepare students for AP calculus. Emphasis in this course will be learning mathematics from three related perspectives: numerical, analytical, and graphical. A graphing calculator is highly recommended for this course. This course is offered for Dual Enrollment (Accuplacer test required.)

- Course Length: 1 year
- Prerequisite: Algebra II with B or better/teacher recommendation, Honors Algebra II with C or better/teacher recommendation
- Grade Level: 9, 10, 11, 12
- Credits: 1 Weighted
- Fees: Tuition if taken for Dual Enrollment
- Location: HHS, WFHS
**AP STATISTICS MA401WA/MA402WB**  
MEETS MATH REQUIREMENT  
This college level statistics course follows the syllabus that is outlined by the College Board. Students will be expected to plan and conduct a study from which they will do an analysis and make statistical inferences. Topics include data analysis, measures of central tendency, sampling and surveys, reliability and uses, and misuses of statistics. This is a practical applications course, not a theory course. A graphing calculator is recommended for this course. This course is offered for AP or for Dual Enrollment (Accuplacer test required).  
- **Course Length:** 1 year  
- **Prerequisite:** College Math, PreCalc or Honors PreCalc with a B or better/teacher recommendation  
- **Fees:** AP Exam / Tuition if taken for Dual Enrollment  
- **Location:** HHS, WFHS

**AP CALCULUS AB MA407WA/MA408WB**  
MEETS MATH REQUIREMENT  
This college level calculus course follows the syllabus that is outlined by the College Board. This course is a study of limits, continuity, the derivative, and its applications including rates of change. The course also includes integral calculus, including the Fundamental Theorem of Calculus, applications of the definite integral, as well as the solution to differential equations by separation of variables. Both theory and applications will be stressed. A graphing calculator is recommended for this course. This course is offered for AP and for Dual Enrollment. (Accuplacer test required or Dual Enrollment credit for Honors Pre-Calculus required). Only students planning to take the Advanced Placement Exam should take this course.  
- **Course Length:** 1 year  
- **Prerequisite:** Honors Pre-Calculus with C or better/teacher recommendation or Pre-Calculus with B or better/teacher recommendation  
- **Fees:** AP Exam / Tuition if taken for Dual Enrollment  
- **Location:** HHS, WFHS

**AP CALCULUS BC MA417WA/MA418WB**  
MEETS MATH REQUIREMENT  
This course is equivalent to Calculus 1 and Calculus 2 at the university level and prepares students to sit for the AP Calculus BC examination where two semesters of college credit in calculus may be earned. Topics are advanced methods of integration, partial fractions, conic sections, hyperbolic functions, and polar coordinates. This is a rigorous course designed to prepare students for the AP examination in this subject area. A graphing calculator is recommended for this course. This course is offered for AP and for Dual Enrollment (Accuplacer test required or Dual Enrollment credit for Honors Pre-Calculus required). Only students planning to take the Advanced Placement Exam should take this course.  
- **Course Length:** 1 year  
- **Prerequisite:** Honors Pre-Calculus with a B or better/teacher recommendation  
- **Fees:** AP Exam / Tuition if taken for Dual Enrollment  
- **Location:** HHS, WFHS

FINANCIAL ALGEBRA MA413A/MA414B
MEETS MATH REQUIREMENT OR ELECTIVE CREDIT IF TAKEN SIMULTANEOUSLY WITH ADDITIONAL MATH COURSE
Financial Applications introduces students to basic financial planning concepts and illustrates how these concepts apply to everyday life. Topics covered include career planning and development, goal setting, personal budgeting, cash flow analysis, financial statements, tax planning, use of credit, savings and investment programs, changes in housing situations, major consumer purchases, insurance needs, retirement, and estate planning. Students will experience applications supporting the Arizona College and Career Ready Standards.

Course Length: 1 year
Prerequisite: Algebra II
Grade Level: 12
Credits: 1 Math or 1 Elective
Fees: None
Location: HHS, WFHS

COLLEGE MATHEMATICS MA307A/MA308B
MEETS MATH REQUIREMENT
This mathematics course is designed for students entering technical programs or Liberal Arts programs after high school. Students will explore mathematics as it applies to real-life situations with an emphasis on understanding mathematical concepts and their applications. Topics include: set theory, probability, statistics, finance, geometry, and algebraic functions and operations. This course is available for Dual Enrollment

Course Length: 1 year
Prerequisite: Algebra II
Grade Level: 11, 12
Credits: 1
Fees: Tuition if taken for Dual Enrollment
Location: HHS, WFHS

HONORS MULTIVARIABLE CALCULUS AND DIFFERENTIAL EQUATIONS MA415WA/MA416WB
MEETS MATH REQUIREMENT
The curriculum covers Calculus 3 and differential equations (DEQ). A graphing calculator is recommended for this course. There is no AP exam for this course but it is offered as MAT241 and MAT261 for dual enrollment.

Course Length: 1 year
Prerequisite: AP Calculus BC
Grade Level: 12
Credits: 1 Weighted
Fees: Tuition if taken for Dual Enrollment
Location: HHS, WFHS

ALGEBRA SUPPORT MA103A/MA104B
MEETS ELECTIVE CREDIT
This is an elective class designed to focus on mastery of the standards being taught in the Algebra I math class. Opportunities will be provided for students to review content with a focus on standards not previously mastered. This is taught as a companion course with Algebra I. This course does not count as a required math credit toward graduation. Successful completion of the course will provide students with an elective credit.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS
ALGEBRA/GEOMETRY SUPPORT MA105/MA106
MEETS ELECTIVE CREDIT
This is an elective class designed to focus on mastery of the standards being taught in Geometry, focused on the integration of skills previously taught in Algebra I. Opportunities will be provided for students to investigate standards not previously mastered within the math course. This is taught as a companion course with Geometry and as a preparatory class for the 10th grade AzM2 statewide assessment. This course does not count as a required mathematics credit toward graduation. Successful completion of the course will provide students with elective credit.

- Course Length: 1 year
- Prerequisite: concurrently taken with Geometry
- Grade level: 9, 10, 11, 12
- Credits: 1
- Fees: None
- Location: HHS, WFHS

ALGEBRA II SUPPORT MA315/MA316
MEETS ELECTIVE CREDIT
This is an elective class designed to focus on the mastery of standards being taught in the Algebra II course. Opportunities will be provided for students to investigate standards not previously mastered within the Algebra II class. This is taught as a companion course with Algebra II and does not count as a required mathematics credit toward graduation. Successful completion of the course will provide students with elective credit.

- Course Length: 1 year
- Prerequisite: concurrently taken with Algebra II
- Grade level: 9, 10, 11, 12
- Credits: 1
- Fees: None
- Location: HHS, WFHS

PHYSICAL EDUCATION

*Specific attire may be required for Physical Education Course.

PHYSICAL EDUCATION I PE101A/PE102B
MEETS PHYSICAL EDUCATION REQUIREMENT
This course introduces students to the importance of physical activity in order to live a longer, healthier, enjoyable life; including flexibility training and cardiovascular and strength development. Team sports, dual and individual, are emphasized. The health related physical fitness test is administered once each semester. This is a moderately active course and appropriate clothing is required. May be repeated for elective credit.

- Course Length: 1 year
- Prerequisite: None
- Grade Level: 9, 10, 11, 12
- Credits: 1
- Fees: None
- Location: HHS, WFHS

PHYSICAL EDUCATION II PE107A/PE108B
MEETS PHYSICAL EDUCATION REQUIREMENT
This is for students interested in participating and competing at a higher level. It may serve as a foundation for the pursuit of interscholastic competition, recreational enjoyment and coaching. Units of instruction will include: advanced skills, officiating, tactics, strategies, individual and team offense and defense, as well as situational concepts. Class activities will include sports such as basketball, flag football, soccer, volleyball, team handball, lacrosse, softball, floor hockey and tennis. Students will also participate in one community service field project. May be repeated for elective credit.

- Course Length: 1 year
- Prerequisite: Physical Education I
- Grade Level: 10, 11, 12
- Credits: 1
- Fees: None
- Location: HHS, WFHS
WEIGHTS I PE103A/PE104B
MEETS PHYSICAL EDUCATION REQUIREMENT
This course will introduce students to basic strength training and physical conditioning. The work outs will be designed on a semi-individual basis. Students will be allowed to work target areas that they choose to work. This class is not designed for athletes because total body training will not be an emphasis and hip explosion exercises will be very limited. May be repeated for elective credit.
Course Length: 1 year
Prerequisite: Physical Education I, Fitness, or Freshmen Weights
Grade Level: 10, 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS

WEIGHTS II PE203A/PE204B
MEETS PHYSICAL EDUCATION REQUIREMENT
This course will introduce students to basic strength training and physical conditioning. The work outs will be designed on a semi-individual basis. Students will be allowed to work target areas that they choose to work. This class is not designed for athletes because total body training will not be an emphasis and hip explosion exercises will be very limited. May be repeated for elective credit.
Course Length: 1 year
Prerequisite: Weights I
Grade Level: 10, 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS

ATHLETIC WEIGHT TRAINING PE105A/PE106B
MEETS PHYSICAL EDUCATION REQUIREMENT
The lifting programs will be designed to increase overall strength as well as sport specific strength. The focus will be to increase the athlete’s core strength through the utilization of sport specific workouts, and increase overall strength through basic weight training. Supplemental lifts will focus on the individual’s sports specific lifts. Hip explosion exercises will be one of the main focuses to create power, speed, and functional strength. May be repeated for elective credit.
Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS

GROUP FITNESS PE109A/PE110B
MEETS PHYSICAL EDUCATION REQUIREMENT
This course is designed to improve overall fitness through circuit training, core strengthening, and a variety of different cardio-vascular and strength activities including aerobic dancing, step, and yoga. This course is highly active and physically demanding. Appropriate clothing is required. May be repeated for elective credit.
Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS
FRESHMAN WEIGHTS PE115A/PE116B
MEETS PHYSICAL EDUCATION REQUIREMENT
This course will introduce students to basic strength training and physical conditioning. The work outs will be designed on a semi-individual basis. Students will be allowed to work target areas that they choose to work. This class is not designed for athletes because total body training will not be an emphasis and hip explosion exercises will be very limited.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 9  
Credits: 1  
Fees: None  
Location: HHS, WFHS

HEALTH AND WELLNESS PE121A/RE122B
MEETS PHYSICAL EDUCATION REQUIREMENT
This is an introductory course in health and wellness for all students. In this course students will gain a comprehension of concepts related to health promotion and disease prevention. Demonstration of the ability to access valid health information and health-promoting products and services. Students will learn about health-enhancing behaviors and how to reduce health related risks. They will analyze the influence of culture, media, technology, and other factors on health and use interpersonal communication skills to advocate for personal, family and community health.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: None  
Location: HHS, WFHS

UNIFIED SPORTS PE111A/PE112B (General Ed Elective Credit) (PE113A/PE114B Special Education PE Credit)
MEETS PHYSICAL EDUCATION REQUIREMENT
This course is based on the Special Olympics Unified Sports Program. Unified Sports combines students with intellectual disabilities (athletes) and students without disabilities (partners) for sports training and competition. Arizona State Health and Physical Education standards are taught throughout this course. Unified Sports creates unique teammate bonds through sports experiences. These experiences create a culture of inclusion and foster understanding among students of all abilities. The sports include athletics, basketball, bocce, bowling, cheerleading, flag football, floor hockey, soccer, softball, tennis, and volleyball. Upon completion of the course, students will be able to identify specific rules, strategy, student diversity and health issues specific to a variety of sports and demonstrate proficiency in various movement forms. Students will have the opportunity to compete in Special Olympics Arizona Area and State Games. Student interested in taking this course for PE credit must fill out an application that can be acquired from their counselor. This class may be repeated for elective credit all students must complete appropriate medical and consent forms

Course Length: 1 year  
Prerequisite: Application acceptance  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: None  
Location: HHS, WFHS

SCIENCE

FUNDAMENTALS OF PHYSICAL SCIENCE SC105A/SC106B
MEETS SCIENCE/LAB REQUIREMENT
Physical Science Fundamentals is lab-oriented science course that offers an overview of physics and chemistry. Emphasis will be placed on developing conceptual understandings of the following topics: Motion, forces and momentum, work, energy storage and transfer, physical, chemical, electrical, and magnetic properties of matter and atomic and nuclear processes. This course may be taken to fulfill your physical science graduation requirements.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11  
Credits: 1  
Fees: None  
Location: HHS, WFHS
CHEMISTRY SC303A/SC304B
MEETS SCIENCE/LAB REQUIREMENT
This course includes the study of the atom, atomic energy, the formation of molecules, the mathematics of chemistry, and related experimental work. The vocabulary of the chemist is emphasized, as are correct laboratory procedures and techniques.

Course Length: 1 year
Prerequisite: Algebra I
Grade Level: 10, 11

Credits: 1
Fees: None
Location: HHS, WFHS

HONORS CHEMISTRY SC303WA/SC304WB
MEETS SCIENCE/LAB REQUIREMENT
This course is a challenging study of chemistry. It will include the study of the atom, atomic energy, the formation of molecules, the mathematics of chemistry and related experimental work. Major emphasis is on the experimental method, critical thinking, and laboratory procedures and techniques. Students will be prepared to enroll in AP Chemistry at the conclusion of the course.

Course Length: 1 year
Prerequisite: Algebra I
Grade Level: 9, 10

Credits: 1 Weighted
Fees: None
Location: HHS, WFHS

AP CHEMISTRY SC305WA/SC306WB
MEETS SCIENCE/LAB REQUIREMENT
This is a very rigorous lab-oriented course that covers the major topics presented in a freshman college-level course. This is a second year course in chemistry intended for those students who are interested in a career in the sciences. Major emphasis will be on the laboratory component of the study of chemistry, including experimental method and critical thinking. Students are expected to take the AP exam.

Course Length: 1 year
Prerequisite: Algebra I
Grade Level: 10, 11, 12

Credits: 1 Weighted
Fees: AP Exam
Location: HHS, WFHS

BIOLOGY SC201A/SC202B
MEETS SCIENCE/LAB REQUIREMENT
This is a requirement for graduation. This course includes the following major areas of study: cell structure and function, genetics, classification, microbiology, plants, animals, evolution, human systems, and ecology. This is a lab course and may include dissection.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10

Credits: 1
Fees: None
Location: HHS, WFHS

HONORS BIOLOGY SC201WA/SC202WB
MEETS SCIENCE/LAB REQUIREMENT
This course provides the above average student with a course having more scope, more depth and more investigations than the regular biology program. This is a lab course that includes a study of principles governing all living things, including cellular biology, molecular genetics, plants, animals, evolution, human systems, microbiology, and ecological relationships. Major emphasis will be on the experimental method, critical thinking, and laboratory activities in biology. This course may include dissection. Students will be prepared to enroll in AP Biology at the conclusion of the course.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10

Credits: 1 Weighted
Fees: None
Location: HHS, WFHS
AP BIOLOGY SC301WA/SC302WB
MEETS SCIENCE/LAB REQUIREMENT
AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors. The course will include topics such as molecular genetics and heredity, cellular processes, organic compounds, evolutionary biology, ecology, and the kingdoms of life. This is a very rigorous lab-oriented course and may include dissection. Major emphasis is on the experimental method, critical thinking, and laboratory procedures and techniques in biology. Students are expected to take the AP exam.

Course Length: 1 year  Credits: 1 Weighted
Prerequisite: None  Fees: AP Exam
Grade Level: 9, 10, 11, 12  Location: HHS, WFHS

PHYSICS SC309A/SC310B
MEETS SCIENCE/LAB REQUIREMENT
This course explores key concepts and builds problem-solving skills with hands-on experiments and projects. Concepts covered include forces, vectors, momentum machines, energy, magnetism, and electricity.

Course Length: 1 year  Credits: 1
Prerequisite: Algebra II  Fees: None
Grade Level: 11, 12  Location: HHS, WFHS

AP PHYSICS I SC319WA/SC320WB
MEETS SCIENCE/LAB REQUIREMENT
This course is equivalent to a first semester class in general physics at a university. AP Physics I explores key physics concepts and builds Algebra-based problem-solving skills with hands-on experiments and projects. Concepts covered include motion, forces, momentum, energy, rotational dynamics, electricity, circuits, sound, and light. This is patterned after the General Physics courses of ASU, GCU and Maricopa Community College. Students are expected to take the AP exam.

Course Length: 1 year  Credits: 1 Weighted
Prerequisite: Algebra II  Fees: AP Exam
Grade Level: 11, 12  Location: HHS, WFHS

AP PHYSICS II SC321WA/SC322WB
MEETS SCIENCE/LAB REQUIREMENT
This course is equivalent to a second semester class in general physics at a university. AP Physics 2 explores key physics concepts and builds Algebra-based problem-solving skills with hands-on experiments and projects. Concepts covered include electricity, magnetism, circuits, thermodynamics, fluid dynamics, ray optics, and quantum physics. This course is patterned after the General Physics courses of ASU, GCU and the Maricopa Community Colleges. Students are expected to take the AP exam. This course may be offered for dual enrollment.

Course Length: 1 year  Credits: 1 Weighted
Prerequisite: AP Physics 1  Fees: AP Exam / Tuition if taken for Dual Enrollment
Grade Level: 12  Location: HHS, WFHS
AP PHYSICS C MECHANICS SC315WA/SC316WB
MEETS SCIENCE/LAB REQUIREMENT
The Physics C: Mechanics course is equivalent to a one-semester, calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus are used throughout the course.

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<thead>
<tr>
<th>Course Length: 1 year</th>
<th>Credits: 1 Weighted</th>
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<tbody>
<tr>
<td>Prerequisite: Concurrent enrollment in Pre-Calculus or higher</td>
<td>Fees: AP Exam</td>
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<tr>
<td>Grade Level: 11, 12</td>
<td>Location: HHS, WFHS</td>
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</table>

AP PHYSICS C ELECTRICITY AND MAGNETISM SC325WA/SC326WB
MEETS SCIENCE/LAB REQUIREMENT
The Physics C: Electricity and Magnetism course is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course.

<table>
<thead>
<tr>
<th>Course Length: 1 year</th>
<th>Credits: 1 Weighted</th>
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<tbody>
<tr>
<td>Prerequisite: AP Physics C Mechanics and Co-requisite Calculus AB</td>
<td>Fees: AP Exam</td>
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<tr>
<td>Grade Level: 11, 12</td>
<td>Location: HHS, WFHS</td>
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EARTH SCIENCE SC313A/SC314B
MEETS SCIENCE/LAB REQUIREMENT
Be captivated by the wonders and beauty of the third planet from our Sun, Earth. Earth Science is a laboratory course focusing on the study of geologic structures and forces, the waters on our planet, and the atmospheric forces that shape our world. Through experimentation and investigation, students will explore the earth cycles including the geosphere, hydrosphere, atmosphere, and the carbon cycle. Students will learn about scientific inquiry, plate tectonics, and geologic time, upon completion of the course, students will have a clear understanding of the dynamic forces at work in the world around them, becoming better caretakers of the planet.

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<thead>
<tr>
<th>Course Length: 1 year</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite: None</td>
<td>Fees: None</td>
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<tr>
<td>Grade Level: 11, 12</td>
<td>Location: HHS, WFHS</td>
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</table>

ANATOMY AND PHYSIOLOGY SC307A/SC308B
MEETS SCIENCE/LAB REQUIREMENT
This course is a laboratory-based course that enables students to recognize the relationship between their body structures and functions. Through laboratory activities, projects, dissections, models, diagrams, and clinical studies, students will learn how their choices affect the way their body functions. This course focuses on the relationship of the body systems and the overall health of the body, and students will be challenged to consider how exercise, nutrition, drug use, skin care and disease can affect a person’s life. Additionally, students will research health care career opportunities.

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<thead>
<tr>
<th>Course Length: 1 year</th>
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<tbody>
<tr>
<td>Prerequisite: Biology</td>
<td>Fees: None</td>
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<tr>
<td>Grade Level: 11, 12</td>
<td>Location: HHS, WFHS</td>
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</table>
**HONORS ANATOMY AND PHYSIOLOGY SC317WA/SC318WB**

MEETS SCIENCE/LAB REQUIREMENT

In this course students will participate in a challenging, rigorous lab-oriented course which offers an in-depth look within the human body. Students engage in investigations to understand and explain the behavior of the human body in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. Students will learn about the macroscopic and microscopic structure and functions of each human body system, as well as the biochemical basis for physiology. Numerous dissection are a requirement of this course. This course may be offered for dual enrollment.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Prerequisite: Biology</td>
<td>Fees: Tuition if taken for Dual Enrollment</td>
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<tr>
<td>Grade Level: 11, 12</td>
<td>Location: HHS, WFHS</td>
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**AP ENVIRONMENTAL SCIENCE SC107WA/SC108WB**

MEETS SCIENCE/LAB REQUIREMENT

This course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required understanding the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. This course may be offered for Dual Enrollment.

<table>
<thead>
<tr>
<th>Course Length: 1 year</th>
<th>Credits: 1 Weighted</th>
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<tbody>
<tr>
<td>Prerequisite: Biology and Chemistry</td>
<td>Fees: Tuition if taken for Dual Enrollment</td>
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<tr>
<td>Grade Level: 11, 12</td>
<td>Location: HHS, WFHS</td>
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**SOCIAL STUDIES**

**American Civics Assessment - graduation requirement**

Beginning in the 2016-2017 school year, the Competency Requirements for Social Studies shall include a requirement that, in order to graduate from high school or obtain a high school equivalency diploma, a pupil must correctly answer at least sixty of the one hundred questions listed on a test that is identical to the Civics portion of the naturalization test used by the United States Citizenship and Immigration Services. A district school or charter school shall document on the pupil's transcript that the pupil has passed a test that is identical to the civics portion of the naturalization test used by the United States Citizenship and Immigration Services as required by this section.

HUSD will administer the American Civics Test in the 8th grade with subsequent opportunities for high school (grades 9-12) students to take the assessment as needed in order to meet this graduation requirement.

**WORLD HISTORY AND GEOGRAPHY SS201A/SS202B**

MEETS SOCIAL STUDIES REQUIREMENT

Semester 1 details the development of civilization from the Greco-Roman world to the French Revolution. Geographic tools and research skills will be implemented to discover and trace the development of civilization through these periods. Semester 2 follows the development of civilization from Industrial Revolution to present. Content includes areas of civilization changes, influences, problems and conflicts of modern civilization. Proper use of geographic tools and research skills will be reinforced. Throughout the course of the year, opportunities will be presented for students to develop understanding of current events and additional world studies curriculum.

<table>
<thead>
<tr>
<th>Course Length: 1 year</th>
<th>Credits: 1</th>
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<tbody>
<tr>
<td>Prerequisite: None</td>
<td>Fees: None</td>
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<tr>
<td>Grade Level: 9, 10</td>
<td>Location: HHS, WFHS</td>
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</tbody>
</table>
AP WORLD HISTORY SS201WA/SS202WB
MEETS SOCIAL STUDIES REQUIREMENT
The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge used in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes to provide further organization to the course, along with the consistent attention to contacts among societies, form the core of world history as a field of study. This course will cover the history from the earliest technological and environmental transformation to the present. Students are expected to take the AP exam.

Course Length: 1 year
Prerequisite: None
Grade Level: 10
Credits: 1 Weighted
Fees: AP Exam
Location: HHS, WFHS

AP WORLD HISTORY AND HONORS 10 ENGLISH LANGUAGE ARTS BLEND (BLEND 1) SS201W-BL/SS202W-BL & EN 203W-BL/EN204W-BL
MEETS ENGLISH AND MEETS SOCIAL STUDIES REQUIREMENTS
Blend 1 is AP World History course integrated with Honors ELA. The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding advances through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge used in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Students are expected to take the AP exam. In the Honors ELA course, students will read additional texts in-class and independently. Through the study of literature, informational text, and media, students can improve comprehension and analysis skills. Writing activities will give students practice in organizing and developing various styles of composition with an emphasis on understanding an author’s intent and being able to write a supported argument. The courses cross-walk and integrate themes as well as some readings and documents. The course is designed for rigor and bring the ELA and Social Studies curriculums together when appropriate.

Students registered for this class are expected to take the AP World Exam in the spring. The courses occur simultaneously and include online responsibilities and lessons. This is a two-credit course and the students receive those credits by participating in the classroom as well as by completing and participating fully in all online activities.

Course Length: 1 year
Prerequisite: 9th grade English and application process
Grade Level: 9, 10
Credits: 1.0 English and 1.0 Social Studies
Fees: AP World Exam
Location: HHS, WFHS
AMERICAN/ARIZONA HISTORY SS301A/SS302B
MEETS SOCIAL STUDIES REQUIREMENT
This is a study of the growth and development of the United States from pre-historic cultures of North America to the present. Emphasis is on the founding principles of democracy and the experiences of the American people in transforming their society from colonies to a responsible world power. This course builds on an understanding of the cultural patterns and economic trends that are responsible for our present American character. The focus will be from the American Revolution to present day. Special emphasis on the impact relating to Arizona will be included.

Course Length: 1 year
Prerequisite: World History and Geography
Grade Level: 11
Credits: 1
Fees: None
Location: HHS, WFHS

AP UNITED STATES HISTORY SS301WA/SS302WB
MEETS SOCIAL STUDIES REQUIREMENT
The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in historical scholarship. Students are expected to take the AP exam.

Course Length: 1 year
Prerequisite: None
Grade Level: 11
Credits: 1 Weighted
Fees: AP Exam
Location: HHS, WFHS

AP UNITED STATES HISTORY AND AP LANGUAGE AND COMPOSITION BLEND (BLEND 2) SS301W-BL/SS302W-BL & EN601W-BL/EN602W-BL
MEETS ENGLISH AND MEETS SOCIAL STUDIES REQUIREMENTS
APUSH/AP Lang Blend is an integration of two Advanced Placement courses. Both courses will follow the suggested AP College Board curriculum designed to parallel college level courses in both subjects. The AP U.S. History course provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. Students will learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in historical scholarship. The AP Language and Composition course will expose students to prose ranging from a historical perspective to contemporary society, with an emphasis on rhetorical analysis and argument. Extensive writing and revision in a variety of styles and tones is an integral part of the curriculum. The courses cross-walk and integrate themes as well as some readings and documents. The course is designed for rigor and bring the ELA and Social Studies curriculums together when appropriate.

Students registered for this class are expected to take both the APUSH Exam and AP Lang Exam in the spring. The courses occur simultaneously and include online responsibilities and lessons. This is a two-credit course and the students receive those credits by participating in the classroom as well as by completing and participating fully in all online activities.

Course Length: 1 year
Prerequisite: 10th grade English and World History and application process
Grade Level: 10, 11
Credits: 1.0 English and 1.0 Social Studies
Fees: (2) AP US Exam and AP Lang Exam
Location: HHS, WFHS
AMERICAN GOVERNMENT SS401A or SS402B
MEETS SOCIAL STUDIES REQUIREMENT
This is a requirement for graduation. The fundamentals of government on the national, state and local levels will be examined, including the three branches of government, rights and responsibilities of American citizenship, and the development and role of politics in our society.

Course Length: 1 semester  Credits: 0.5
Prerequisite: American/AZ History  Fees: None
Grade Level: 12  Location: HHS, WFHS

HONORS WE THE PEOPLE SS403WA
MEETS ELECTIVE or GOVERNMENT REQUIREMENT
This course is only offered during fall semester. The course focuses on the history and principles of democracy in the United States. The goal of the course and the We the People competitive program is to promote civic responsibility. As a course requirement, each student will be required to compete one-day simulated mock congressional hearing on or about the first Saturday in December. During this hearing, the entire class will be working in cooperative teams to prepare and present statements before a panel of community representatives who act as congressional committee members. Applicants for this course may be subjected to an interview process.

Course Length: 1 semester (fall)  Credits: 0.5 Weighted
Prerequisite: American/AZ History  Fees: None
Grade Level: 12  Location: HHS, WFHS

AP UNITED STATES GOVERNMENT AND POLITICS SS405WA or SS406WB
MEETS SOCIAL STUDIES REQUIREMENT
This course fulfills requirements for high school graduation. U.S. Government and Politics is a semester long introductory college course. This course will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U. S. politics. Students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Students are expected to take the AP exam.

Course Length: 1 semester  Credits: 0.5 Weighted
Prerequisite: American/AZ History  Fees: AP Exam
Grade Level: 12  Location: HHS, WFHS
AP UNITED STATES GOVERNMENT AND AP LITERATURE AND COMPOSITION BLEND (BLEND 3) SS405W-BL/SS406W-BL & EN407W-BL/EN408W-BL

MEETS ENGLISH AND MEETS SOCIAL STUDIES REQUIREMENTS

AP US Government/AP Macroeconomics & AP Lit Blend is an integration of three Advanced Placement courses. All courses will follow the suggested AP College Board curriculum designed to parallel college level courses in all three subjects. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. Students will learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in academic scholarship. The AP US Government course is designed to help the students analyze the US Constitution and evaluate the political system while endeavoring to help them become informed citizens capable of defending their rights and liberties. The AP Macroeconomics course is designed to give the students a thorough understanding of the principles of economics that apply to the economic system as a whole. The AP English Literature and Composition course focuses on reading, analyzing, and writing about literature. Students close read and critically analyze to deepen their understanding of the ways writers use language to provide both meaning and pleasure. Students evaluate a work’s structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays requiring analysis and interpretation literary works. The course is designed for rigor and brings the ELA and Social Studies curriculums together when appropriate.

Students registered for this class are expected to take the three AP Exams in the spring. The courses occur simultaneously and include online responsibilities and lessons. This is a 2.0 credit course and the students receive those credits by participating in the classroom as well as by completing and participating fully in all online activities.

<table>
<thead>
<tr>
<th>Course Length: 1 year</th>
<th>Credits: 1.0 English and 1.0 Social Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: 11 ELA, US History, and application</td>
<td>Fees: (3) AP Exams: Gov., Mac, and Lit</td>
</tr>
<tr>
<td>Grade Level: 11, 12</td>
<td>Location: HHS and WFHS</td>
</tr>
</tbody>
</table>

ECONOMICS SS407A or SS408B

MEETS SOCIAL STUDIES REQUIREMENT

This course is required for graduation. Familiarizes the student with the essentials of the free enterprise system and other economic systems of the world. Included are the principles of supply and demand, and the economic problems of resource allocation. A substantial portion of course content will emphasize financial literacy and personal financial management to align with the new legislation requirement. This emphasis will highlight economic skills necessary for real life applications.

<table>
<thead>
<tr>
<th>Course Length: 1 semester</th>
<th>Credits: 0.5</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite: American/AZ History</td>
<td>Fees: None</td>
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<tr>
<td>Grade Level: 12</td>
<td>Location: HHS, WFHS</td>
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</tbody>
</table>

AP MACROECONOMICS SS409WA or SS410WB

MEETS SOCIAL STUDIES REQUIREMENT

The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination. It also develops student familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students are expected to take the AP exam.

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<thead>
<tr>
<th>Course Length: 1 semester</th>
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<tbody>
<tr>
<td>Prerequisite: American/AZ History</td>
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</tr>
<tr>
<td>Grade Level: 12</td>
<td>Location: HHS, WFHS</td>
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</tbody>
</table>
AP HUMAN GEOGRAPHY HG101WA/HG102WB
MEETS ELECTIVE REQUIREMENT
The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and attribution as well as alteration of the Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Students are expected to take the AP exam.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11, 12

Credits: 1  
Fees: AP Exam  
Location: HHS, WFHS

PSYCHOLOGY PS301A or PS302B
MEETS ELECTIVE REQUIREMENT
Psychology is the study of how people think, feel and act. This course will explore the basic ideas and practices of Psychology as a science. The goal of Psychologists is to construct theories that organize observations and imply testable hypotheses. The students will use research methods that include case studies, surveys and naturalistic observation to describe behavior. Psychological perspectives range from the biological to the social, and settings from the clinic to the laboratory. Psychology has become a meeting place for many disciplines. The course will require outside reading, preparedness for discussions, and independent projects.

Course Length: 1 semester  
Prerequisite: None  
Grade Level: 11, 12

Credits: 0.5  
Fees: None  
Location: HHS, WFHS

AP PSYCHOLOGY PS301WA/PS302WB
MEETS ELECTIVE REQUIREMENT
Students are introduced the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. Students are expected to take the AP exam.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 11, 12

Credits: 1  
Fees: AP Exam  
Location: HHS, WFHS

SOCIOLOGY SO301A or SO302B
MEETS ELECTIVE REQUIREMENT
Sociology is the systematic and objective study of human society and social interaction. The discipline of sociology enables us to look beyond our limited view of the world to a society as a whole – the values and ideas shared by its members, the groups and institutions that compose it, and the forces that change it. The course will require outside reading, preparedness for discussions, and independent projects.

Course Length: 1 semester

Prerequisite: None

Grade Level: 11, 12

Credits: 0.5

Fees: None

Location: HHS, WFHS
FRENCH I FL101A/FL102B
MEETS WORLD LANGUAGE REQUIREMENT
This course introduces students to the language and components of the cultures of the countries in which French is spoken. Students learn pronunciation, vocabulary and grammar through listening, speaking, reading, and writing. Emphasis is on listening and reading comprehension and simple conversational skills through role-playing, skits, and other interactive methods.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: None  
Location: HHS, WFHS

FRENCH II FL103A/FL104B
MEETS WORLD LANGUAGE REQUIREMENT
This course is a continuation of French I and features application of language skills in reading, writing, listening, and conversation. Vocabulary and grammar are presented. Students improve writing skills through composition. They will continue to explore the culture of the countries in which French is spoken.

Course Length: 1 year  
Prerequisite: French I or instructor approval  
Grade Level: 9, 10, 11, 12  
Credits: 1  
Fees: None  
Location: HHS, WFHS

HONORS FRENCH III FL105WA/FL106WB
MEETS WORLD LANGUAGE REQUIREMENT
This course is designed for students with an exceptional interest and ability to learn the French language. It is an accelerated course that will provide refinement of the skills acquired in French I and French II. This course features application of language skills in reading, writing, listening and conversation through individualized study in literature, culture, history, and conversations with French speakers.

Course Length: 1 year  
Prerequisite: French I/French II or instructor approval  
Grade Level: 9, 10, 11, 12  
Credits: 1 Weighted  
Fees: None  
Location: HHS, WFHS

AP FRENCH LANGUAGE AND CULTURE FL107WA/FL108WB
MEETS WORLD LANGUAGE REQUIREMENT
This course is a continuation of French III and emphasizes conversation, grammatical construction, writing, reading, and listening skills. Both literature and culture will be studied in depth. The use of French will be promoted and fostered, with a focus on fluency and accuracy. This course may be offered for Dual Enrollment. Students are expected to take the AP exam.

Course Length: 1 year  
Prerequisite: 3 French credits or instructor approval  
Grade Level: 10, 11, 12  
Credits: 1 Weighted  
Fees: AP Exam / Tuition if taken for Dual Enrollment  
Location: HHS, WFHS
MANDARIN I FL201A/FL202B
MEETS WORLD LANGUAGE REQUIREMENT
This course introduces students to the language and components of the cultures of the countries in which Mandarin is spoken. Students learn pronunciation, vocabulary and grammar through listening, speaking, reading, and writing. Emphasis is on listening and reading comprehension and simple conversational skills through role-playing, skits, and other interactive methods.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11, 12

Credits: 1
Fees: None
Location: HHS, WFHS

***Students taking Mandarin at Cooley and Sossaman Middle Schools will take Mandarin A and B, two years of Mandarin that will equate to Mandarin I and can count for HS credit if completed with requisite demonstration of skills and ability (Course Grade and Competency Exam).***

HONORS MANDARIN II FL203WA/FL204WB
MEETS WORLD LANGUAGE REQUIREMENT
This course is a continuation of Mandarin I and features application of language skills in reading, writing, listening, and conversation. Vocabulary and grammar are presented. Students improve writing skills through composition. They will continue to explore the culture of the countries in which Mandarin is spoken. This course may be offered for Dual Enrollment.

Course Length: 1 year
Prerequisite: 1 Mandarin credit or instructor approval
Grade Level: 9, 10, 11, 12

Credits: 1 Weighted
Fees: Tuition if taken for Dual Enrollment
Location: HHS, WFHS

HONORS MANDARIN III FL205WA/FL206WB
MEETS WORLD LANGUAGE REQUIREMENT
This course is a continuation of Honors Mandarin II and emphasizes conversation, grammatical construction, writing, reading, and listening skills. Both literature and culture will be studied in depth. The use of Mandarin will be promoted and fostered, with a focus on fluency and accuracy. This course may be offered for Dual Enrollment.

Course Length: 1 year
Prerequisite: 2 Mandarin credits or instructor approval
Grade Level: 10, 11, 12

Credits: 1 Weighted
Fees: Tuition if taken for Dual Enrollment
Location: HHS, WFHS

HONORS MANDARIN IV FL209WA/FL210WB
MEETS WORLD LANGUAGE REQUIREMENT
This course is a continuation of Honors Mandarin III and reviews grammar and vocabulary, while reinforcing reading, writing, and listening skills. This course continues studies of culture and literature. Discussions, oral reports, and written assignments will be primarily in Mandarin. This course may be offered for Dual Enrollment. Students have the option to take the AP exam if desired.

Course Length: 1 year
Prerequisite: 3 Mandarin credits or instructor approval
Grade Level: 10, 11, 12

Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
Location: HHS, WFHS
AP CHINESE LANGUAGE AND CULTURE FL211WA/FL212WB
MEETS WORLD LANGUAGE REQUIREMENT
This course is designed to challenge students to continue their study of Mandarin into a fifth year of learning during their high school career. In this course, students will apply their previous four years of learning into practical real life situations. Students will refine their language skills and achieve a higher proficiency level while they explore and anticipate future college study. Students immerse themselves by integrating their knowledge of Mandarin with the study of Chinese literature, history, business, and culture. This course may be offered for Dual Enrollment. Students are expected to take the AP exam.

Course Length: 1 year
Prerequisite: 4 Mandarin credits or instructor approval
Grade Level: 10, 11, 12
Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
Location: HHS, WFHS

SPANISH I FL301A/FL302B
MEETS WORLD LANGUAGE REQUIREMENT
This course introduces students to the language and components of the cultures of the countries in which Spanish is spoken. Students learn pronunciation, vocabulary and grammar through listening, speaking, reading, and writing. Emphasis is on listening and reading comprehension and simple conversational skills through role-playing, skits, and other interactive methods. This course is not designed for native/heritage speakers.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS

SPANISH II FL303A/FL304B
MEETS WORLD LANGUAGE REQUIREMENT
This course is a continuation of Spanish I and features application of language skills in reading, writing, listening, and conversation. Vocabulary and grammar are presented. Students improve writing skills through composition. They will continue to explore the culture of the countries in which Spanish is spoken.

Course Length: 1 year
Prerequisite: 1 Spanish credit or instructor approval
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: None
Location: HHS, WFHS

HONORS SPANISH III FL305WA/FL306WB
MEETS WORLD LANGUAGE REQUIREMENT
This course is a continuation of Spanish II and emphasizes conversation, grammatical construction, writing, reading, and listening skills. Both literature and culture will be studied in depth. Use of Spanish will be promoted and fostered, with a focus on fluency and accuracy. This course may be offered for Dual Enrollment.

Course Length: 1 year
Prerequisite: 2 Spanish credits or instructor approval
Grade Level: 10, 11, 12
Credits: 1 Weighted
Fees: Tuition if taken for Dual Enrollment
Location: HHS, WFHS
PRE-AP SPANISH IV FL319WA/FL320WB
MEETS WORLD LANGUAGE REQUIREMENT
This course focuses on communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course emphasizes active communication in Spanish and broadens the student’s understanding of Hispanic culture. Students develop awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Course Length: 1 year
Prerequisite: 3 Spanish credits or instructor approval
Grade Level: 10, 11, 12
Credits: 1 Weighted
Fees: Tuition if taken for Dual Enrollment
Location: HHS, WFHS

AP SPANISH LANGUAGE AND CULTURE FL309WA/FL310WB
MEETS WORLD LANGUAGE REQUIREMENT
The advanced course focuses on communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course purposely intends not to overemphasize grammatical accuracy at the expense of communication. For a quality study of language and culture, the course is taught exclusively in Spanish. The students are engaged by exploring culture in both contemporary and historical contexts. Students develop awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). This course may be offered for Dual Enrollment. At the end of this course, students are expected to take the AP exam.

Course Length: 1 year
Prerequisite: 3 Spanish credits or instructor approval
Grade Level: 10, 11, 12
Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
Location: HHS, WFHS

AP SPANISH LITERATURE AND CULTURE FL311WA/FL312WB
MEETS WORLD LANGUAGE REQUIREMENT
This advanced course uses a thematic approach to facilitate the further development of the students’ critical reading and analytical writing skills through the examination of representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students will increase their proficiencies across multiple modes of communication including interpersonal, presentational, and interpretive. Literature which reflects many voices and cultures is examined contextually to hone and enhance the students developing literacy skills. In addition, the course focuses on cultural connections and comparison through the critical analysis of media sources including film, art, literary articles, and literary criticism. This course may be offered for Dual Enrollment. At the end of this course, students are expected to take the AP Exam.

Course Length: 1 year
Prerequisite: 4 Spanish credits or instructor approval
Grade Level: 10, 11, 12
Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
Location: HHS, WFHS
WORLD LANGUAGE TA / INDEPENDENT STUDY FL401A or FL402B

ELECTIVE CREDIT

Students will be assigned to a teacher and serve as an assistant to work in the classroom to support the educational process and learning in the content language. This opportunity is designed to give students the opportunity to continue to work and speak in the language while preparing to continue language instruction at a college or university. Students will be issued a pass/fail grade for this course. Students may earn a maximum of 1 credit towards graduation.

- Course Length: 1 or 2 semesters
- Prerequisite: Administrator approval
- Grade Level: 12
- Credits: 0.5 per semester
- Fees: None
- Location: HHS, WFHS

NONDEPARTMENTAL ELECTIVES

AP Capstone: AP Seminar CP301WA/CP302WB

This yearlong course, students develop and strengthen analytic and inquiry skills, exploring two to four relevant issues chosen by the student and/or teacher. For example, students might explore the question of whether national security is more important than a citizen's right to privacy, or whether genetic engineering is a benefit to society. Using an inquiry framework, students practice reading and analyzing articles; research studies; foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. Students question, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media.

After taking AP Seminar, students will have the opportunity to further hone their inquiry and analytical writing skills in AP Research. NOTE: This is a weighted course.

- Course Length: 1 year
- Prerequisite: grade 10 or higher, AP Seminar
- Grade Level: 10, 11, 12
- Credits: 1 elective credit
- Fees: none
- Location: HHS, WFHS

AP Capstone: AP Research CP401WA/CP402WB

AP Research allows students to design, plan, and conduct a yearlong research-based investigation on a topic of individual interest, documenting their process with a portfolio. This allows students to demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students further the skills developed in AP Seminar by learning how to understand research methodology, employ ethical research practices, and access, analyze, and synthesize information to build, present, and defend an argument. NOTE: This is a weighted course and there is no AP exam for this class; it is based upon the final oral presentation and written paper.

- Course Length: 1 year
- Prerequisite: AP Seminar
- Grade Level: 11, 12
- Credits: 1 elective credit
- Fees: Oral Presentation/ Written Paper Fee
- Location: HHS, WFHS
AVID AV101/AV102B 
MEETS ELECTIVE REQUIREMENT
The AVID course is designed to prepare students for success in postsecondary education. This course provides support and skill development in areas specifically aligned with success in rigorous courses in the foundation content areas and in preparing students for success in college. A recommendation, application and interview are required. Students must be accepted into the AVID program.

Course Length: 1 year  
Prerequisite: Recommendation, Application and Interview  
Grade Level: 9, 10, 11, 12

Credits: 1  
Fees: None  
Location: HHS, WFHS

HONORS ACADEMIC DECATHLON AD101WA/AD102WB 
MEETS ELECTIVE REQUIREMENT
A course specifically designed to prepare an Academic Team to compete in ten areas of study: Art, Economics, Essay, Language and Literature, Music, Science, Social Studies, Speech, interview, impromptu, and Math. A high level of competition is fostered in an academic setting. May be repeated for credit. This course is open to all students.

Course Length: 1 year  
Prerequisite: None  
Grade Level: 9, 10, 11, 12

Credits: 1 Weighted  
Fees: None  
Location: HHS, WFHS

STUDENT COUNCIL LEADERSHIP ST101A/ST102B 
MEETS ELECTIVE REQUIREMENT
This course combines classroom study of volunteerism, school issues, and school government processes. Numerous outside activities are required. May be repeated for credit. This course is for those students elected to student council.

Course Length: 1 year  
Prerequisite: Elected  
Grade Level: 9, 10, 11, 12

Credits: 1  
Fees: None  
Location: HHS, WFHS

PRINCIPALES OF LEADERSHIP (LINK CREW) ST103A/ST104B 
MEETS ELECTIVE REQUIREMENT
Students in this class serve as mentors for incoming 9th graders. The course is designed to teach students models of leadership and then apply them through activities designed for grade nine students. The purpose of the Link Crew class is to tap the potential and maximize the benefits of the existent Link Crew Program. These benefits include increased sense of community, improved climate, and successful transition of new students. It will be offered first semester only. This course can be repeated for credit.

Course Length: Semester / full year  
Prerequisite: None  
Grade Level: 10, 11, 12

Credits: 1  
Fees: None  
Location: HHS, WFHS
COMPUTER APPLICATIONS CT201A or CT202B
MEETS ELECTIVE REQUIREMENT
This course is designed for students who are interested in Professional Sales and Marketing but who may not have strong computer skills. Students will learn the Marketing standards and apply software, multimedia and web-based programs such as Microsoft Office (including Access database); Flash (digital animation); desktop publishing and webpage software; Google Applications; and basic Adobe Creative Suite. Essential internet skills such as social networking and video communication etiquette and web page creation will be integrated into this project-based class. Students will complete an employment unit to prepare traditional paper-based employment documents as well as on-line practices including digital documents and video resumes.

Course Length: 1 Semester
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 0.5
Fees: None
Location: HHS, WFHS

WEB DESIGN CT203A or CT204B
ELECTIVE REQUIREMENT
Students will explore a variety of HTML formatting techniques including text, images, videos, sound, tables, links and forms to create functional websites for personal, business and school projects. Students will also explore HTML editors and gain a basic understanding of the terminology and coding associated with HTML techniques. Students should have an intermediate level in accessing and utilizing information located on the internet.

Course Length: 1 Semester
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 0.5
Fees: Refer to fee schedule
Location: HHS, WFHS

TEACHER’S AIDE TA301A or TA302B
MEETS ELECTIVE REQUIREMENT
Students will be assigned to an office or teacher and serve as an assistant performing a variety of clerical duties. Students may earn a maximum of 1 credit towards graduation. Students will receive a Pass/Fail grade only.

Course Length: 1 or 2 semesters
Prerequisite: Administrator approval
Grade Level: 12
Credits: 0.5 per semester
Fees: None
Location: HHS, WFHS

RELEASE TIME RL801A/RL802B
Students may be granted release time for specific reasons approved by the school administration. All Release time requires a Consent of Release Time Form.

Course Length: 1 year
Prerequisite: Administrator approval
Grade Level: 12
Credits: No Credit
Fees: None
Location: HHS, WFHS

RELEASE TIME/OFF-CAMPUS INSTRUCTION RR801A/RR802B
Students may be granted release time for off-campus instruction. All Release time requires a Consent of Release Time Form.

Course Length: 1 year
Prerequisite: Administrator approval
Grade Level: 9, 10, 11, 12
Credits: No Credit
Fees: None
Location: HHS, WFHS
<table>
<thead>
<tr>
<th>English Language Arts</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th Grade</td>
<td>Standard 6th Grade ELA</td>
</tr>
<tr>
<td>7th Grade</td>
<td>English 7</td>
</tr>
<tr>
<td>8th Grade</td>
<td>English 8</td>
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<td>English 10</td>
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<tr>
<td>11th Grade</td>
<td>English 11</td>
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<tr>
<td>12th Grade</td>
<td>English 12</td>
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<table>
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<tr>
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<tbody>
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<td>(placement Test required)</td>
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<tr>
<td>7th Grade</td>
<td>Honors 7</td>
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<td>Honors 8</td>
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<td>9th Grade</td>
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<tr>
<td>11th Grade</td>
<td>AP 11 Language Composition</td>
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<tr>
<td>12th Grade</td>
<td>AP 12 Literature &amp; Composition</td>
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<table>
<thead>
<tr>
<th>English Language Arts</th>
<th>Highly Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th Grade</td>
<td>HPAL Elementary</td>
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<tr>
<td>7th Grade</td>
<td>ELASS 7</td>
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<td>8th Grade</td>
<td>ELASS 8</td>
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<tr>
<td>9th Grade</td>
<td>AP Blend (Honors 9/10 &amp; AP World History)</td>
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<tr>
<td>10th Grade</td>
<td>AP Language &amp; Composition</td>
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<tr>
<td>11th Grade</td>
<td>AP Literature &amp; Composition</td>
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<tr>
<td>12th Grade</td>
<td>Honors Multicultural Literature</td>
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<tr>
<td>Mathematics Pathway</td>
<td>Standard</td>
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<tr>
<td>7th Grade</td>
<td>Math 7</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Math 8</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Algebra I AND Strategies</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Geometry AND Algebra-Geometry Support</td>
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<tr>
<td>11th Grade</td>
<td>Algebra II AND Strategies</td>
</tr>
<tr>
<td>12th Grade</td>
<td>Pre-Calculus College Mathematics Financial Algebra</td>
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<table>
<thead>
<tr>
<th>Mathematics Pathway</th>
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<tbody>
<tr>
<td>7th Grade</td>
<td>Accelerated Math 7</td>
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<tr>
<td>8th Grade</td>
<td>Algebra I</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Honors Geometry</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Honors Algebra II</td>
</tr>
<tr>
<td>11th Grade</td>
<td>Honors Pre-Calculus</td>
</tr>
<tr>
<td>12th Grade</td>
<td>AP Calculus AB AP Stats College Mathematics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics Pathway</th>
<th>Highly Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th Grade</td>
<td>Algebra I</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Honors Geometry</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Honors Algebra II</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Honors Pre-Calculus</td>
</tr>
<tr>
<td>11th Grade</td>
<td>AP Calculus AB AP Calculus BC</td>
</tr>
<tr>
<td>12th Grade</td>
<td>AP Stats Honors Multi-Var Calculus / Differential Equations</td>
</tr>
</tbody>
</table>
## Science Pathways

<table>
<thead>
<tr>
<th>Science Pathway</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th Grade</td>
<td>General Science 7</td>
</tr>
<tr>
<td>8th Grade</td>
<td>General Science 8</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Physical Science</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Biology</td>
</tr>
<tr>
<td>11th/12th Grade</td>
<td>Chemistry</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science Pathway</th>
<th>Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th Grade</td>
<td>Honors Science 7</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Conceptual Physics (Alg I)</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Honors Biology</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Honors Chemistry (Alg II)</td>
</tr>
<tr>
<td>11th/12th Grade</td>
<td>Honors Anatomy &amp; Physiology</td>
</tr>
<tr>
<td></td>
<td>AP Biology</td>
</tr>
<tr>
<td></td>
<td>AP Chemistry</td>
</tr>
<tr>
<td></td>
<td>AP Environmental Science</td>
</tr>
<tr>
<td></td>
<td>AP Physics 1 and 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science Pathway</th>
<th>Highly Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th Grade</td>
<td>Conceptual Physics (Alg I)</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Fundamentals of Biology (not for HS credit)</td>
</tr>
<tr>
<td>9th Grade</td>
<td>AP Biology</td>
</tr>
<tr>
<td>10th Grade</td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>11th/12th Grade</td>
<td>AP Environmental Science</td>
</tr>
<tr>
<td></td>
<td>AP Physics 1 and 2</td>
</tr>
<tr>
<td></td>
<td>AP Physics C Mechanics (1)</td>
</tr>
<tr>
<td></td>
<td>AP Physics C Electricity And Magnetism (2)</td>
</tr>
<tr>
<td>Social Studies Pathway</td>
<td>Standard</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Social Studies 8</td>
</tr>
<tr>
<td>9th Grade</td>
<td>World History</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Alternative Elective</td>
</tr>
<tr>
<td>11th Grade</td>
<td>AZ/US History</td>
</tr>
<tr>
<td>12th Grade</td>
<td>Economics/US Government</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Studies Pathway</th>
<th>Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Grade</td>
<td>Social Studies 8</td>
</tr>
<tr>
<td>9th Grade</td>
<td>AP Human Geography</td>
</tr>
<tr>
<td>10th Grade</td>
<td>AP World History</td>
</tr>
<tr>
<td>11th Grade</td>
<td>AP United States History</td>
</tr>
<tr>
<td>12th Grade</td>
<td>AP Macroeconomics/AP Government</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Studies Pathway</th>
<th>Highly Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Grade</td>
<td>ELASS Humanities Block</td>
</tr>
<tr>
<td>9th Grade</td>
<td>AP World History/Honors ELA 10 Blend 1</td>
</tr>
<tr>
<td>10th Grade</td>
<td>AP United States History/AP Language and Composition Blend 2</td>
</tr>
<tr>
<td>11th Grade</td>
<td>AP United States Government/AP Macroeconomics &amp; AP Literature and Composition Blend 3</td>
</tr>
<tr>
<td>12th Grade</td>
<td>None</td>
</tr>
<tr>
<td>COURSE OR ITEM</td>
<td>DESCRIPTION AND/OR FEE ASSESSED</td>
</tr>
<tr>
<td>---------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>AIR FORCE JROTC</td>
<td></td>
</tr>
<tr>
<td>ROTC</td>
<td>$50.00</td>
</tr>
<tr>
<td>CAREER &amp; TECHNICAL EDUCATION</td>
<td></td>
</tr>
<tr>
<td>Honors Bioscience I</td>
<td>$50.00</td>
</tr>
<tr>
<td>Honors Bioscience II</td>
<td>$50.00</td>
</tr>
<tr>
<td>Introduction to Criminal Justice</td>
<td>$25.00</td>
</tr>
<tr>
<td>Criminal Investigation</td>
<td>$25.00</td>
</tr>
<tr>
<td>Digital Photography I</td>
<td>$25.00</td>
</tr>
<tr>
<td>Digital Photography II</td>
<td>$25.00</td>
</tr>
<tr>
<td>Digital Photography III</td>
<td>$25.00</td>
</tr>
<tr>
<td>Digital Photography II Publications</td>
<td>$25.00</td>
</tr>
<tr>
<td>Digital Photography III Publications</td>
<td>$25.00</td>
</tr>
<tr>
<td>Early Childhood Education I</td>
<td>$25.00</td>
</tr>
<tr>
<td>Early Childhood Education II</td>
<td>$25.00</td>
</tr>
<tr>
<td>Early Childhood Education III - Internship</td>
<td>$25.00</td>
</tr>
<tr>
<td>Honors Introduction to Engineering Design</td>
<td>$25.00</td>
</tr>
<tr>
<td>Honors Principles of Engineering</td>
<td>$25.00</td>
</tr>
<tr>
<td>Honors Electrical and Computer Engineering</td>
<td>$25.00</td>
</tr>
<tr>
<td>Introduction to Graphic/Web Design</td>
<td>$25.00</td>
</tr>
<tr>
<td>Intermediate Graphic Design - track 1</td>
<td>$25.00</td>
</tr>
<tr>
<td>Advanced Graphic Design - track 1</td>
<td>$25.00</td>
</tr>
<tr>
<td>Intermediate Graphic Design - track 2</td>
<td>$25.00</td>
</tr>
<tr>
<td>Advanced Graphic Design track 2</td>
<td>$25.00</td>
</tr>
<tr>
<td>Marketing</td>
<td>$25.00</td>
</tr>
<tr>
<td>Advanced Marketing and Economics</td>
<td>$25.00</td>
</tr>
<tr>
<td>Retail Operations</td>
<td>$25.00</td>
</tr>
<tr>
<td>Entrepreneurship and Marketing</td>
<td>$25.00</td>
</tr>
<tr>
<td>Video Production I</td>
<td>$25.00</td>
</tr>
<tr>
<td>Video Production II</td>
<td>$25.00</td>
</tr>
<tr>
<td>TV Broadcasting</td>
<td>$25.00</td>
</tr>
<tr>
<td>Software Development I</td>
<td>$25.00</td>
</tr>
<tr>
<td>Software Development II</td>
<td>$25.00</td>
</tr>
<tr>
<td>Sports Medicine I</td>
<td>$25.00</td>
</tr>
<tr>
<td>Sports Medicine II</td>
<td>$25.00</td>
</tr>
<tr>
<td>Personal Training</td>
<td>$25.00</td>
</tr>
<tr>
<td>CTE Internship</td>
<td>$25.00</td>
</tr>
<tr>
<td>FINE ARTS</td>
<td></td>
</tr>
<tr>
<td>Chamber Choir</td>
<td>$25.00</td>
</tr>
<tr>
<td>Concert Choir</td>
<td>$50.00</td>
</tr>
<tr>
<td>Advanced Vocal Ensemble</td>
<td>$50.00</td>
</tr>
<tr>
<td>Men's Chorale</td>
<td>$50.00</td>
</tr>
<tr>
<td>Treble Choir</td>
<td>$50.00</td>
</tr>
<tr>
<td>Beginning Dance</td>
<td>$25.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>COURSE OR ITEM</td>
<td>DESCRIPTION AND/OR FEE ASSESSED</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>--------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Intermediate Dance</td>
<td>$25.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Advanced Dance</td>
<td>$25.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Dance Company</td>
<td>$50.00</td>
</tr>
<tr>
<td>Advanced Elite Dance</td>
<td>$25.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Concert Band</td>
<td>$50.00</td>
</tr>
<tr>
<td>Percussion Ensemble</td>
<td>$50.00</td>
</tr>
<tr>
<td>Winter Drumline (Spring Semester)</td>
<td>$50.00</td>
</tr>
<tr>
<td>Symphonic Band</td>
<td>$50.00</td>
</tr>
<tr>
<td>Jazz Band</td>
<td>$25.00</td>
</tr>
<tr>
<td>String Orchestra</td>
<td>$50.00</td>
</tr>
<tr>
<td>Band Auxiliary Corps/Color Guard</td>
<td>$50.00 &amp; additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Band Auxiliary Corp/Winter Guard</td>
<td>$50.00 &amp; additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Marching Band (fall semester)</td>
<td>$50.00 &amp; additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Beginning Guitar Level I</td>
<td>$50.00</td>
</tr>
<tr>
<td>Intermediate Guitar Level II</td>
<td>$50.00</td>
</tr>
<tr>
<td>Theatre Arts I</td>
<td>$50.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Theatre Arts II</td>
<td>$50.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Theatre Arts III</td>
<td>$50.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Advanced Theatre</td>
<td>$50.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Musical Theatre</td>
<td>$50.00</td>
</tr>
<tr>
<td>Technical Theatre</td>
<td>$50.00</td>
</tr>
<tr>
<td>Beginning Art</td>
<td>$50.00</td>
</tr>
<tr>
<td>Intermediate Art</td>
<td>$50.00</td>
</tr>
<tr>
<td><strong>AP Studio Art (dual enrollment optional)</strong></td>
<td>$50.00 flat fee. If taken as AP testing fees will be assessed as well as a $20.00 processing fee for slides and/or artwork as part of the AP exam.</td>
</tr>
<tr>
<td>Beginning Ceramics</td>
<td>$50.00</td>
</tr>
<tr>
<td>Intermediate Ceramics</td>
<td>$50.00</td>
</tr>
<tr>
<td>Advanced Ceramics</td>
<td>$50.00</td>
</tr>
<tr>
<td><strong>Drawing (dual enrollment optional)</strong></td>
<td>$50.00</td>
</tr>
<tr>
<td><strong>Painting (dual enrollment optional)</strong></td>
<td>$50.00</td>
</tr>
<tr>
<td><strong>AP Class fee</strong></td>
<td>$10.00 Non – Refundable</td>
</tr>
<tr>
<td><strong>Instrument Rental Fee for Band and Orchestra</strong></td>
<td>$75.00</td>
</tr>
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</table>
### EXTRACURRICULAR ACTIVITIES (ECA)

<table>
<thead>
<tr>
<th>COURSE OR ITEM</th>
<th>DESCRIPTION AND/OR FEE ASSESSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activity Card</td>
<td>$35.00 per year (Combo STUCO $10; Athletics $25)</td>
</tr>
<tr>
<td>Athletic Equipment</td>
<td>Actual Cost (Lost or Damaged)</td>
</tr>
<tr>
<td>Athletics Participation</td>
<td>$150 PER SPORT; $700 max per family per site</td>
</tr>
<tr>
<td>Athletics: Annual Family Pass (funds go to athletics)</td>
<td>$135.00 (includes immediate family living in the home only)</td>
</tr>
<tr>
<td>Athletics: Family Season Pass (funds go to athletics)</td>
<td>$60.00 (includes immediate family living in the home only)</td>
</tr>
<tr>
<td>Career and Technical Education Organizations: DECA, FLBA, SKILLSUSA</td>
<td>$20.00 State &amp; National Membership Fee</td>
</tr>
<tr>
<td>Student clubs</td>
<td>$1.00 - $20.00 Annual Fee</td>
</tr>
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### GENERAL FEES

<table>
<thead>
<tr>
<th>COURSE OR ITEM</th>
<th>DESCRIPTION AND/OR FEE ASSESSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation</td>
<td>$50.00</td>
</tr>
<tr>
<td>Insufficient funds (returned check)</td>
<td>$25.00</td>
</tr>
<tr>
<td>Library Books</td>
<td>Actual Cost (Lost or Damaged)</td>
</tr>
<tr>
<td>Library Books</td>
<td>10 cent per day (Late Fee)</td>
</tr>
<tr>
<td>Lock Rental (Physical Education)</td>
<td>$5.00</td>
</tr>
<tr>
<td>Lock Replacement</td>
<td>$10.00</td>
</tr>
<tr>
<td>Parking Permit</td>
<td>$60.00 per year</td>
</tr>
<tr>
<td>Replacement ID Card</td>
<td>$5.00</td>
</tr>
<tr>
<td>Textbooks</td>
<td>Actual Cost (Lost or Damaged)</td>
</tr>
<tr>
<td>PSAT</td>
<td>Actual Cost</td>
</tr>
<tr>
<td>STAMP Test Fee</td>
<td>$25.00 (test option for bilingual seal)</td>
</tr>
</tbody>
</table>

For any classes taken for or if Dual Enrollment is required, please refer to the current MCCD fee schedule.

**Maricopa Community College Tuition**  [http://www.maricopa.edu/about/?tuition](http://www.maricopa.edu/about/?tuition)

*Specialty Field Trip costs may vary depending on destination and scheduled activities. Costs may be higher than the listed $2-$20 range listed for Field Trips.

Financial aid for AP testing fees may be available
English I EN101A & EN102B
(Also listed in HS Course Guide)
Dedicated to creating effective and adaptable readers and writers, this course provides rigorous training in the foundations of English Language Arts skills and strategies. Using the core foundation, the course expands on and applies traditional concepts to modern, 21st-century demands. Offering practical lessons in techniques such as visualizing, making inferences and predictions, and recognizing organizational patterns in online and offline texts, this course delivers hands-on training in applying the writing process, evaluating essays, and using MLA style and documentation. Over the course of two semesters, interactive grammar lessons will strengthen students’ grasp of language and improve writing skills.
1 Credit  Prerequisite: None

English II EN203A & EN204B
(Also listed in HS Course Guide)
Focused on application, this sophomore English course reinforces literary analysis and 21st-century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactive. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, 21st-century career skills, and the essentials of grammar and vocabulary. Under the guidance of the writing software, students will also compose descriptive, persuasive, expository, literary analyses, research, narrative, and compare-contrast essays.
1 Credit  Prerequisite: English I

English III EN305A & EN306B
(Also listed in HS Course Guide)
This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students will master the comprehension and literary analysis strategies that the Common Core State Standards require. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students will read Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.
1 Credit  Prerequisite: English II

English IV EN 407A & EN 408B
(Also listed in HS Course Guide)
This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the Modern Period. With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.
1 Credit  Prerequisite: English III
Algebra I MA101A & MA102B
(Also listed in HS Course Guide)
This course begins with a brief review of what students should already know about linear equations, with a focus on analyzing and explaining the process of solving equations. Students develop a strong foundation in working with linear equations in all forms, extending solution techniques to simple equations with exponents. Students explore functions, including notation, domain and range, multiple representations, and modeling. Through the comparison of linear and exponential functions, students contrast the concepts of additive and multiplicative change. Students then apply what they have learned to linear models of data, analyzing scatterplots and using lines of best fit to apply regression techniques. The course closes with an exploration of rational exponents, quadratic and exponential expressions, and an introduction to non-linear functions, with a heavy emphasis on quadratics.

1 Credit  Prerequisite: None

Geometry MA201A & MA202B
(Also listed in HS Course Guide)
This course formalizes what students have learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs, and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right triangle trigonometry, and the Laws of Sins and Cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.

1 Credit  Prerequisite: Algebra I

Algebra II MA303A & MA304B
(Also listed in HS Course Guide)
This course focuses on the four critical areas of the Common Core model pathways for Algebra II: functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students will make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies between the operations and field properties of real numbers and those of complex numbers and algebraic expressions. The Common Core practice standards are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

1 Credit  Prerequisite: Algebra I required & Geometry recommended

Pre-Calculus MA401 &MA 402
Exploring the relationship between advanced algebra topics and trigonometry, Pre-Calculus is an informative introduction to calculus that challenges students to discover the nature of graphs, nonlinear systems, and polynomial and rational functions. With an emphasis on mathematical reasoning and argument, this advanced course scaffolds rigorous content with clear instruction and an array of scaffolds for learning, providing students with a deep understanding of topics such as matrices, functions, graphing, logarithms, vectors, and conics. The course concludes with a brief introduction to calculus that exposes students to limits, continuity, derivatives, and the Fundamental Theorem of Calculus.

1 Credit  Prerequisite: Algebra II with a grade of “C” or better
Mathematical Applications IS302 & IS302
Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose of this course is to use mathematics as a tool to model real-world phenomena students may encounter daily, such as finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and installment loan models. Providing timely and highly useful content, this two-semester course is a must-have for any high school student. Prior mathematical knowledge is expanded and new knowledge and techniques are developed through real-world application of useful mathematical concepts.

1 Credit
Prerequisite: Algebra I

Financial Applications IS301A & IS302B
(Also listed in HS Course Guide)
Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets including percentages, proportions, data analysis, linear systems, and exponential functions.

1 Credit
Prerequisite: None

Earth & Space Science SC313 & SC314
Students enrolled in this dynamic course will explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly more prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that will provide a solid foundation for understanding the physical characteristics that make the planet Earth unique and will examine how these characteristics differ among the planets of our solar system.

1 Credit
Prerequisite: None

Inquiry Science SC103 & SC104
Encompassing the branch of science that studies nonliving systems, Physical Science is an exciting course that inspires students to explore key concepts and theories, each of which explains and/or models a particular aspect of the behavior of nature. Students enrolled in this two-semester course examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects these phenomena exhibit on the planet. A cumulative study of how each of these concepts elicits reactions across the solar system rounds out this dynamic course.

1 Credit
Prerequisite: None
Biology SC201A & SC202B
(Also listed in HS Course Guide)
This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology.

1 Credit
Prerequisite: None

Chemistry SC303A & SC304B
(Also listed in HS Course Guide)
This rigorous full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes 18 virtual laboratory experiments that encourage higher-order thinking applications. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

Physics SC309 & SC310
Combining scientific inquiry with advanced mathematics, Physics is a stimulating, two-semester high school-level course that will challenge students to understand and explain how energy, matter, and motion are all related. Engaging lessons introduce theories and experiments and encourage students to develop the knowledge and understanding necessary to support conclusions with numerical results. Inspiring students to relate knowledge to real-world applications, the course connects basic principles to more complex ideas in many fascinating areas: thermal energy, vibrations and waves, light and refraction, sound, electricity, and magnetism.

1 Credit
Prerequisite: None

Environmental Science IS301 & IS302
Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many different aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

1 Credit
Prerequisite: None

Social Studies

World History SS201A & SS202B
(Also listed in HS Course Guide)
Beginning with topics from prehistory and culminating in the events of the 21st century, World History provides interactive course content that will challenge high school students to learn about the political, economic, and social aspects of world history. This highly engaging, two-semester course encourages students to explore the major revolutions and social movements that have influenced different nations and eventually spread throughout the world. During this course, students will be exposed to a variety of pressing issues that have created opportunities for both conflict and cooperation in the modern world.

1 Credit
Prerequisite: None
U.S. History SS301A & SS302B
(Also listed in HS Course Guide)
U.S. History Semester 1 is a course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from the Era of Exploration through the Industrial Revolution, leading students through a careful examination of the defining moments that shaped the nation of today. Students begin by exploring the colonization of the New World and examining the foundations of colonial society. As they study the early history of the United States, students will learn critical-thinking skills by examining the constitutional foundations of U.S. government. Recurring themes such as territorial expansion, the rise of industrialization, and the significance of slavery will be examined in the context of how these issues contributed to the Civil War and Reconstruction. U.S. History Semester 2 is a course that examines the major events and turning points of U.S. history from the Industrial Revolution through the modern age. The course leads students toward a clearer understanding of the patterns, processes, and people that have shaped U.S. history. As students’ progress through each era of modern U.S. history, they will study the impact of dynamic leadership and economic and political change on our country’s rise to global prominence, the influence of social and political movements on societal change, and the importance of modern cultural and political developments. Recurring themes lead students to draw connections between the past and the present, between cultures, and between multiple perspectives.

1 Credit
Prerequisite: None

American Government SS401A
(Also listed in HS Course Guide)
Providing students with the opportunity to learn about the historical events, philosophers, and topical issues that helped create the democratic foundations of this nation, Government is an engaging one-semester course that will introduce high school students to the Founding Fathers and expose them to the ideas that shaped the nation. Students will identify important political leaders and trace the development and organization of federal, state, and local government. In addition, students will explain the political process and analyze the United States’ role as a global, political, and economic participant. The course specifically targets the philosophies and foundations of the United States government, the organization of the branches of government, government on a state and local level, and civil liberties and laws. Full of timely and interesting content, this course will inspire students to be more informed citizens and equip them to understand how the United States compares economically and politically on a global scale.

0.5 Credit
Prerequisite: None

Economics SS407A
Presenting timely and engaging content, this course provides high school students with an understanding of the principles of economics. As they become familiar with how markets work, students interact with lessons to apply the key microeconomic concepts of supply and demand as well as the role of prices. This one-semester course targets important aspects of the world economy, including international trade and global economic challenges, and encourages students to apply the economic way of thinking to a variety of situations relevant to their everyday lives.

0.5 Credit
Prerequisite: None

Human Geography IS301 & IS302
Examining current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school-level course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students’ understanding of the development of modern civilization and human systems—from the agricultural revolution to the technological revolution—this course encourages students to analyze economic trends as well as compare global markets and urban environments.

1 Credit
Prerequisite: None
Introduction to Art AR101
Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, this one-semester course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

0.5 Credit
Prerequisite: None

Art History I IS301
Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this one-semester course will cover topics including early Medieval and Romanesque art; art in the 12th, 13th, and 14th centuries; 15th-century art in Europe; 16th-century art in Italy; the master artists; high Renaissance and Baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; 18th- and 19th-century art in Europe and the Americas; and modern art in Europe and the Americas.

0.5 Credit
Prerequisite: None

Psychology PS301 & PS 302
This two-semester course introduces high school students to the study of psychology and helps those master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

1 Credit
Prerequisite: None

Sociology SO301 & SO302
Providing insight into the human dynamics of our diverse society, this is an engaging one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

1 Credit
Prerequisite: None

Strategies for Academic Success IS301
Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages high school and middle school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

0.5 Credit
Prerequisite: None
Career Planning and Development IS301
Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete in today’s challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment problem, a cover letter, and a résumé that can be used in their educational or career portfolio.

1 Credit
Prerequisite: None

Group Fitness Education PE109 & PE110
Exploring a combination of health and fitness concepts, Foundations of Personal Wellness is a comprehensive and cohesive course that explores all aspects of wellness. Offered as a two-semester course designed for high school students, this course uses pedagogical planning to ensure that students explore fitness and physical health and encourages students to learn about the nature of social interactions and how to plan a healthy lifestyle.

1 Credit
Prerequisite: None

World Languages

Spanish 1-2 FL301 & FL302
High school students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

1 Credit
Prerequisite: None

Spanish 3-4 FL303 & FL304
High in middle school continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

1 Credit
Prerequisite: Spanish I

Business Electives

Introduction to Business ISD301
In this two-semester introductory course, students will learn the principles of business using real-world examples—learning what it takes to plan and launch a product or service in today’s fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

0.5 Credit
Prerequisite: None
**Introduction to Entrepreneurship I MK107**
The Introduction to Entrepreneurship I course teaches the basics of planning and launching a business. Whether interested in creating a money-making business or a nonprofit to help others, this course provides the core skills needed to succeed. Students learn about real-life teen entrepreneurs, characteristics of successful entrepreneurs, pros and cons of self-employment, and how to attract investors and manage expenses. Students learn how to generate business ideas; create a business plan, mission and vision; and promote and market a company. Topics include exploring factors of business success and failure, core business concepts, economic systems, competition, production, and the global economy.

0.5 Credit  
Prerequisite: None

**Introduction to Entrepreneurship II MK108**
The Introduction to Entrepreneurship II course advances the skills and key business concepts students need to know to plan and launch a business. Students learn about setting personal visions and goals, sales stages, opportunities and strategies, planning and budgeting, and interpersonal communication in the workplace. Topics include financing a business; costs and pricing, accounting; bookkeeping, and financial reporting; the role of the government in business; regulations, and laws; working with others; and successfully managing employees.

0.5 Credit  
Prerequisite: Intro to Entrepreneurship I

**Personal Finance IS301**
This introductory finance course teaches what it takes to understand the world of finance and make informed decisions about managing finances. Students learn more about economics and become more confident in setting and researching financial goals as they develop the core skills needed to be successful. In this one-semester course students learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Students will be inspired by stories from finance professionals and individuals who have reached their financial goals.

0.5 Credit  
Prerequisite: None

### Digital Arts Electives

**3D Art I – Modeling IS301**
The 3D Art I – Modeling design course focuses on the fundamental concepts of 3D modeling and explores the basic concepts and skills of 3D animation. Students learn Blender® software to create 3D models such as a house, a creature, an animation of the creature walking, and a landscape terrain. Activities include using points on a grid to create mountains and a color gradient to create a sun and a moon. Students learn 3D space and 3D objects; creating, scaling, and rotating objects; materials and textures; poses and key frames; extruding and mirroring 3D objects; rendering animations; and appending materials, textures, objects, armatures, and animations.

0.5 Credit  
Prerequisite: None

**3D Art II Animation IS302**
The 3D Art II Animation design course focuses on building animation skills including realistic movement and lighting. Students learn the Blender® software workspace and tools; location and rotation properties; scripts; IP curves; vector handles; rendering and baking animations and simulations; and particle systems and emitters. Activities and projects promote key 3D animation concepts including frames and key frames, squash and stretch, action strips, walk cycles and poses, and trajectories. Students develop the skills needed to design and create animations with an understanding of the skills needed to succeed as professional animators.

0.5 Credit  
Prerequisite: 3D Art I: Modeling
Digital Arts I IS301
The Digital Arts I course focuses on building a solid foundation of the basic elements of visual art: line, shape, form, color, value, space, and texture. This course teaches core skills using Inkscape, a free open-source alternative to Adobe® Illustrator®. Topics include learning processes for evaluating artworks, and identifying selected artists' works, styles, and historical periods. Student learns 3D space in a 2D environment; filters, gradients and highlights; and methods of working with color. Students express themselves creatively in original digital drawings and artwork.

0.5 Credit  Prerequisite: None

Digital Arts II IS302
The Digital Arts II course focuses on the more advanced principles and elements of art and design. By the end of this course, students will have created a unique portfolio of digital artwork, including repeating images to be used as a computer's desktop background, a logo with text, two images scaled proportionally to one another, and a poster image and layout. Projects include creating movement with objects; images emphasized through the use of color, shape, and size; and the principles of art including: repetition and pattern, contrast, movement and rhythm, proportion and balance, and harmony and unity. Students advance their skills using Inkscape tools and learn new tools such as the Spiral, Bezier, and Paint Bucket Tools.

0.5 Credit  Prerequisite: Digital Arts I

Game Design IS301
Utilizing the Multimedia Fusion 2® software program, this one-semester course allows students to build a solid foundation in the fundamentals of game design and development. Students create an impressive portfolio of interactive, engaging games such as a classic two-player ping pong game, a Block-breaking action game, and a maze game with moving obstacles. Students learn the MMF2 language of events, conditions, and actions; game objects that track scores, lives, time; and more, automated, random, and user-controlled movement. Topics include libraries and game sounds and game design concepts including objects, layers and frames, cursors and crosshairs, pixels and coordinates, calculations, title and end screens, and looping animations.

0.5 Credit  Prerequisite: None

Audio Engineering IS301
This introductory one-semester course teaches the four main steps of professional audio engineering: recording, editing, mixing, and mastering. Through a series of Audacity® software projects, students learn tones and waveforms, recording studios and formats, Musical Instrument Digital Interface (MIDI) and Digital Audio Workstations (DAW®), syncing audio, and many other topics relating to the field of audio engineering. Activities include echo and reverb effects; encoding and exporting audio; mastering audio files and mixing samples to create a new track; equalizing, compressing, and normalizing audio files; and adding fading and crossfading.

0.5 Credit  Prerequisite: None

Engineering Electives

Engineering Design I EG101
The Engineering Design I course teaches the basics of introductory computer-aided design including the creation of geometric forms, interpreting 2D and 3D drawings of objects, and editing isometric and perspective drawings in a 3D CAD environment. Students create a diverse portfolio of projects while learning to translate abstract concepts into functional designs. Projects include orthographic projections of 3D objects, isometric drawings, and 3D walkthroughs. Students produce drawings to meet design specifications, create oblique and perspective CAD drawings, and edit drawings in a 3D CAD environment.

0.5 Credit  Prerequisite: None
Engineering Design EG102
The high school Engineering Design II course advances the knowledge of core engineering concepts as students continue working in a professional CAD environment. Students learn the steps of the design process by modeling and building paper towers, bridges, or platforms. Projects include designing a 3D container, designing creative solutions to problems, creating assemblies, and applying math and geometry skills to models and engineering processes. Students apply reverse engineering to objects to explore its parts, aesthetics, and manufacturing process. Students learn Creo™ Elements/Direct™, a 3D CAD modeling program used by professional engineers.

0.5 Credit
Prerequisite: Engineering Design I

Health Sciences Electives

Introduction to Health Science I & II IS301 & IS302
This high school course introduces students to a variety of healthcare careers as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students will learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.

1 Credit
Prerequisite: None

Health Science Concepts IS301
This yearlong course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students will learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students will investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

0.5 Credit
Prerequisite: None

Technology Electives

Introduction to Information Technology IS301
This course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT.

0.5 Credit
Prerequisite: None
Computer Science I IS301
Computer Science I introduces students to the basics of computer science through a series of Python® programming projects that encourage creativity and experimentation. Students create a diverse portfolio of projects as they learn commands and functions, values and variables, Graphical User Interface, modular and object-oriented programming, and events and event-driven processes. Students learn loops, debugging techniques and software development processes including iterative and incremental models. Students explore careers in programming, including profiles from a wide variety of programming professionals.

0.5 Credit
Prerequisite: None

Computer Science II IS302
The Computer Science II course advances the student’s knowledge of Python software and programming skills through a series of complex programming projects that require creative thinking and problem solving. Students learn arrays and sets, generators and namespaces, loops, packages and libraries, randomness, and file handling. Students also learn to program simple games. Students explore careers in programming, including profiles from a wide variety of programming professionals.

0.5 Credit
Prerequisite: Computer Science I

Flash® Game Development IS301
The Flash Game Development course teaches the fundamentals of game design and development through step-by-step projects in Adobe Flash®, a professional grade software program. Students create a diverse portfolio of games while incorporating game mechanics such as point-and-click, click-and-drag, shooter, scrolling action, and multi-room exploration. Topics include timeline, layers, key frames, libraries, assets, and key game design elements including animations, sounds, alpha effects, and title and end screens. Students use ActionScript®, the scripting language of Flash®, for programming objects and frames.

0.5 Credit
Prerequisite: None
Frequently Asked Questions

What is EVIT? The East Valley Institute of Technology (EVIT) is a public career and technical education school providing more than 40 occupational training programs tuition-free to district, charter school and home-schooled high school students who reside within the boundaries of 11 East Valley school districts - Apache Junction, Chandler, Fountain Hills, Gilbert, Mesa, Queen Creek, Scottsdale, Tempe, Higley, Cave Creek and J.O. Combs. Classes are offered at two centralized campuses in Mesa - the Dr. A. Keith Crandell (Main) Campus, 1601 W. Main St., the East Campus, 6625 S. Power Road, the Fountain Hills Campus, 17,300 E. Calaveras Ave., and at Apache Junction High School. Students spend a half-day at EVIT and the other half-day at their home high school. School districts provide bus transportation for their students to and from EVIT for most programs. Students must be at least 16 years old. Tuition-based programs for adults are also offered, with financial aid available.

EVIT’s Mission
To provide students a career and college preparatory training experience that produces a qualified workforce, meeting the market-driven needs of business and industry.

EVIT’s Vision
Students successfully complete their EVIT experience with industry credentials, college credit and hands-on training, allowing them to become competitive in the global workforce.

EVIT’s Purpose
To change students’ lives by loving our students and serving our communities. To empower and encourage our students to become productive and passionate about their future career and educational goals.

Business/Industry and College Articulation EVIT offers many school-to-work options with participating businesses, including manufacturing, automobile dealerships, hospitals and many others. Advanced students may have opportunities in industry and community colleges in the form of job placement, apprenticeships, internships, cooperative education and college credit articulation.

Career & Technical Student Organizations
All EVIT students participate in a Career & Technical Student Organization. Membership in state and national clubs is encouraged:

SkillsUSA Technical, skilled, and service careers
FCCLA Family, Career, and Community Leaders of America
HOSA Future health Professionals
C-CAP Careers in Culinary Arts Program
ERA Educators Rising Arizona
FBLA Future Business Leader of America
When do students register?

Students are encouraged to apply for EVIT programs during the spring semester prior to classes that begin in August, but registration for classes is ongoing. EVIT registration opportunities are offered during regular high school registration, any time through the home high school at EVIT Locations or on EVIT.com. Each high school has at least one designated counselor with materials and information regarding EVIT registration. For more information, call 480-461-4000 or visit EVIT.com. **EVIT will be moving to an online only model this school year. Paper application will still be accepted but we encourage students to use our online portal. (available November 4, 2019)**

What is needed to register?

Students will need a copy of their transcript, the results of a recognized standardized test such as the Stanford 10 or AIMS/AZMerit if the student does not meet minimum program GPA requirements, and attendance and discipline records or a completed Attendance and Discipline Scoring Rubric.

How many credits can be earned?

A student can earn 3-4 credits per year at EVIT applicable toward graduation requirements in their home district. Students who miss ten (10) days or more during a semester and are unable to make up those days will receive a grade of “Audit” for the semester. Students who fulfill the graduation requirements from their home district earn a diploma from their home high school. Community college articulation and/or dual enrollment credit is in place for high school students in designated courses.

Do the credits from EVIT just count as electives?

Generally, credits earned at EVIT fulfill only elective credit requirements for graduation. Human Anatomy and Physiology for Medical Careers (MC10) counts as a lab science, having been approved by the Arizona Board of Regents and the home high school districts as what is called an “embedded credit.” It is recognized and accepted at all Arizona universities as part of the entrance requirements. For the year-long course, students earn one (1) lab science credit and two (2) elective credits for a total of three (3) credits. EVIT staff are working to get other EVIT program courses recognized as fulfilling core academic graduation requirements.

What time are classes?

Classes meet Monday through Friday from 8:05 to 10:35 a.m. or 12:05 to 2:35 p.m. Students have the option of attending the AM or PM session. They attend their home school during the other portion of the day. The class times for some programs, such as Cosmetology, may be extended to meet state certification requirements.

Are there fees?

EVIT is tuition-free for high school students. Class fees vary by program and are based on the cost of required tools, supplies/materials, certification/licensure exams and career and technical student organization (CTSO) membership.

Are classes at EVIT offered to adults?

Classes are available and open to adult students during the daytime, as space permits, and in the evening for some courses. Tuition is charged for adult students. For more information about programs for adult students, please contact the EVIT Adult Education Center at (480) 461-4108 or (480) 461-4025 or visit www.evit.com/adulted.
### EVIT High School Programs by Campus

*Note: Program offerings are subject to change or adjustment based on variety of factors, including student enrollment.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Program Name</th>
<th>Main</th>
<th>East</th>
<th>A.J.</th>
<th>F.H.</th>
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<tbody>
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<td>DA10/20/30</td>
<td>3D Animation</td>
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<tr>
<td>CS14/24</td>
<td>Aesthetics</td>
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<tr>
<td>AM10/20/30/35</td>
<td>Automotive Technologies</td>
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<tr>
<td>AV05/10/20/35</td>
<td>Aviation</td>
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<tr>
<td>BK10/20/30</td>
<td>Banking and Financial Services</td>
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<tr>
<td>CS15/25/35</td>
<td>Barbering</td>
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<tr>
<td>MC65/66</td>
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<tr>
<td>IT12/20/22/23</td>
<td>Networking / Cyber Security*</td>
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<tr>
<td>IT13/40/45</td>
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<td>CT10/20/25</td>
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<td>LE10/20/25</td>
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<td>MC60/61</td>
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<td>IT60/61/62/63</td>
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<td>MM30/35/40</td>
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<tr>
<td>HM10/20/25</td>
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<tr>
<td>MC10</td>
<td>Human Anatomy &amp; Physiology for Medical Careers</td>
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<tr>
<td>FIT12/14/35</td>
<td>Interior Design &amp; Merchandising</td>
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<tr>
<td>MT10/20/30/35</td>
<td>Machining Technology</td>
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<tr>
<td>MA05/06/10/20</td>
<td>Massage Therapy</td>
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<tr>
<td>MC20/21/22/23</td>
<td>Medical Assistant*</td>
<td>X</td>
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<tr>
<td>MC30/31</td>
<td>Nursing Assistant*</td>
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<tr>
<td>MC57/58</td>
<td>Occupational Therapy Assistant*</td>
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<tr>
<td>MC43/63</td>
<td>Pharmacy Technician*</td>
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<td>MM02</td>
<td>Digital Photography*</td>
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<tr>
<td>MC45/46</td>
<td>Physical Therapy Technician*</td>
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<td>Plumbing</td>
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<td>RB10/20/30</td>
<td>Radio/Audio Production</td>
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<tr>
<td>MC44/64</td>
<td>Veterinary Assistant*</td>
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<tr>
<td>TV10/20/30</td>
<td>Video Production</td>
<td>X</td>
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*These are second-year courses. Please see pre-requisites.*
EVIT Registration and Counseling Department
Registrar-Andrea Macias
Main Campus: 480-461-4109 amacias@evit.com
High School & Adult
Course Scheduling, Grades, Transcripts, Data Collection & Management, Bi-Lingual Services

High School Counselor-Joyce Eagar-Lemons
Main Campus: 480-461-4159 jeagar-lemons@evit.com
Special Projects: Crisis, Reporting
Programs: Criminal Justice, Culinary/Baking, Fire, all Health-related programs, Fashion Interior Design, Banking, Early Childhood Education

High School Counselor-Jacob Hansen
Main Campus: 480-461-4161 jhansen@evit.com
Special Projects: McKinney-Vento, Keys, GED
Programs: 3D Animation, Graphic Design/Photo, Radio, Video, Automotive, Collision & Diesel, HVAC, Machining, Plumbing, Construction, Welding, Cosmo/Barbering, iTEC (coding, cyber, networking, computer maintenance & repair)

High School Counselor-David Pullman
East Campus: 480-308-4607 dpullman@evit.com
Special Projects: Dual Enrollment
Programs: Everything East (All programs at East Campus)

STEPS - Special Education & IEP/504 Coordinator-Tony Niccum
Main & East Campus: 480-461-4154 tniccum@evit.com
Special Projects: Keys to Success Foster Program, Behavioral Health, Social Services

Special Education Administrative Assistant-Anita Aguinaga
Main Campus: 480-461-4155 aaguinaga@evit.com
Special Projects: IEP/504 Accommodations Coordinator & Services

EVIT Recruitment Team
James Brady, High School Recruiter
Fountain Hills Campus: 480-835-3115 • jbrady@evit.com
Schools: Cactus Shadows, East Valley Academy, Fountain Hills, Desert Mountain, Chaparral, Saguaro, Coronado, Arcadia, Westwood, Mountain View, Red Mountain.

James Martinez, High School Recruiter
East Campus: 480-308-4614 • jmartinez@evit.com

Cassi Perez, High School Recruiter
Main Campus: 480-461-4162 • cperez@evit.com
Schools: Tempe, McClintock, Marcos de Niza, Corona del Sol, Desert Vista, Mountain Pointe, Compadre, Dobson, Mesquite, Chandler, Hamilton, Mesa, Highland, and Gilbert.
High School Counselor Steps to Register a Student for EVIT

1. Students should familiarize themselves with the curriculum and requirements for their program of choice. This can be done through the EVIT website or through this guide.

2. Students should be on track with credits to graduate and plan to dedicate at least three hours in their daily schedule to attend EVIT.

   Morning session: 8:05 to 10:35 a.m.
   Afternoon session: 12:05 to 2:35 p.m.

Please note: Cosmetology, Aesthetics, Barbering, 1 year Massage Therapy, & 1 year Medical Assistant have extended hours and meet from 7 a.m. to 11 a.m. or 12 p.m. to 4 p.m. Students may have to provide their own transportation for these programs.

3. Students should be informed of the date EVIT counselors will visit their campus.

4. Students should have the following documents in hand when meeting with EVIT counselors:

   - EVIT enrollment application with required signatures (high school counselor, parent)** EVIT will be moving to an online only model this school year. Paper application will still be accepted but we encourage students to use our online portal. (available November 4, 2019)
   - Unofficial transcript
   - AZMerit or other standardized test scores (If GPA is below program minimum)
   - Attendance record (or rubric completed by home high school counselor)
   - Discipline record (or rubric completed by home high school counselor)
   - Proof of age (may be on transcript)
   - Immunization records
Returning EVIT Students

Students who are returning for a second year will not need to re-apply, but must complete a Returning Student Form through EVIT Admissions to reserve a slot for their program of choice. Students requesting to return for a new program, different from the one they completed, will need to submit an updated transcript along with their Returning Student Form. High School Counselors may contact the EVIT Registrar at the end of May for a tentative enrollment list of their students. Please note that new and returning student enrollments are subject to change depending on course enrollment totals.

Walk-In Registration

EVIT’s Admissions Department is centrally located at the Dr. A. Keith Crandell - Main Campus 1601 W. Main Street, Mesa. Office hours are 7:30 a.m. to 4 p.m., Monday through Friday during the school year with Summer Hours 7:30 a.m. to 4:00 p.m., Monday through Thursday. It is recommended that students/parents requiring specialized advisement to call ahead at 480-461-4000.

Walk-In Registration is always welcome, but please advise your students that they will need to hand carry all required documents for their application to be reviewed by EVIT Admissions. Upon review, if the student meets the criteria for their program of choice, and is approved by a EVIT, then the student will be accepted for enrollment. It is the student/parent responsibility to coordinate their schedules with their respective High School Counselor.

Students must contact EVIT Admissions for verification of approved enrollment if they submit an application after July 1st. Phone calls to 480-461-4108 or 4110 will ensure a timely response. Be advised: EVIT is moving to an online registration system. Please visit EVIT.com click on ENROLL. This system will be up and running by November 4, 2019.

PLEASE NOTE: Any student interested in programs at EVIT may submit an application for consideration. EVIT does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. EVIT has a policy of non-retaliation against any person who makes a complaint, testifies or participates in an investigation or civil rights proceeding regarding prohibited discrimination. EVIT will not request or consider IEPs, 504 Plans or other disability-related information in its admissions process. For “Seniors only” courses, students must have a grade 12 equivalent in academic credits.
Welding Technologies

**WD10 Welding I 1 Semester**
Get fired up about a career in welding. Sequenced in accordance with the American Welding Society’s (AWS) S.E.N.S.E school requirements. Welding 1 covers safety equipment, protective clothing, and procedures applicable to the cutting and welding of metals. With hands on in learning Oxyfuel Cutting as students will perform cutting techniques that include straight line, piercing, bevels, washing, and gouging. Plasma Arc Cutting; Covers plasma-arc cutting methods for piercing, slitting, squaring, and beveling metals. SMAW – Equipment and Setup, SMAW Electrodes, SMAW – Beads and Fillet Welds showing how to make stringer, weave, overlapping beads, and fillet welds. SMAW – Groove Welds with Backing introducing procedures for making flat, horizontal, vertical, and overhead groove welds. SMAW – Open-Root Groove Welds showing techniques required to produce various open V-groove welds. We also teach how to clean and prepare all types of base metals for cutting or welding, all while identifying the codes that govern welding.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores

**WD20 Welding II 1 Semester**
Students learn how to read welding symbols on drawings, specifications, and Welding Procedure Specifications (WPS). Identifies and explains welding detail drawings. Describes lines, fills, object views, and dimensioning on drawings. Explains how to use notes on drawings and the bill of materials. Explains how to sketch and draw basic welding drawings. Identifies the various standard metal forms and structural shapes. Shows how to extract metal information from Welding Procedure Specification (WPS) sheets and Procedure Qualification Records (PQRs). Explains preheating, interpass temperature control, and post heating procedures that sometimes need to be done to preserve weldment strength, ductility, and weld quality. Covers the setup of GTAW equipment. GTAW fillet welds on carbon steel plate coupons in the 1F, 2F, 3F, and 4F positions, and how to make GTAW V-groove welds in the 1G, 2G, 3G, and 4G positions. Explains how to set up SMAW equipment for open-root V-groove welds, and explains how to prepare for and make open-root V-groove welds on carbon steel pipe. Describes general safety procedures for GMAW and FCAW. Identifies GMAW and FCAW equipment and explains the filler metals and shielding gases used to perform GMAW and FCAW.

**Pre-Requisites:** WD10

**WD25 Welding III 2 Semesters**

**Pre-Requisites:** WD10, WD20
3D Animation

DA10  3D Animation I  1 Semester
This course will introduce students to a range of skills and techniques used in the 3D animation and game art, focusing on creating finished, high-quality sequences for use in markets such as previsualization, film and broadcasting and video games. The course will cover technical processes of using the software and creative experimentation with the computer as the primary tool. During this section the student will gain essential traditional art skills as well as basic knowledge of modeling, texturing, lighting, animation, virtual cinematography, and rendering. The first 4-6 weeks will be dedicated to drawing and the elements and principles of art as well as basic skills in Photoshop. Projects will be completed both digitally and on paper. Students will then move on to creating in the 3D environment. Students will complete tutorials that will introduce techniques in each area of the production pipeline before creating their own projects. The primary software used in this course is Autodesk Maya, as well as Adobe Photoshop and Premiere Pro.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit
2.0 GPA or equivalent standardized test scores

DA20  3D Animation II  1 Semester
This course will introduce students to all aspects of character creation and animation in the 3D environment. Students will build characters, texture, rig and animate them and make them walk, talk, and dance. Students will complete tutorials that will introduce techniques in each area of the production pipeline before creating their own projects. The primary software used in this course is Autodesk Maya, as well as Adobe Photoshop and Premiere Pro.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: DA10

DA30  3D Animation III  2 Semesters
During the first half of this section, students will expand on their previous knowledge of modeling, texturing, lighting, rendering, and character design and animation, as well as creating believable motion and establishing mood in a scene. Students will also learn digital sculpting and 3D printing, anatomy for characters and environment art. Students will complete tutorials that will introduce techniques in each area of the production pipeline before creating their own projects. The second half of the course students will learn compositing and editing techniques, and create visual effects using dynamic simulations. Students will also study animation history as well as professional practices and digital portfolio creation projects. The primary software used in the course is Autodesk Maya, Pixologic Zbrush, as well as Adobe Photoshop and Premiere Pro.

Please note: Dual enrollment for college credits is available.
Pre-Requisites: DA10 & DA20
Digital Photography

MM02  
Digital Photography I (FH Campus)  
2 Semesters
Photography 1 is a program that prepares students interested in starting their own photography business or pursuing a career in a digital photography related field. Students will be challenged to utilize the latest digital photographic cameras and manipulate light, shadow, and surrounding objects to capture images. Students use Adobe Lightroom, Adobe Photoshop, and Adobe Illustrator to manipulate the images in unique and creative formats. Students work both individually and in teams to create layouts, portfolios, projects, etc. Students can receive their Adobe Certified Associate (ACA) in Photoshop.

Pre-Requisites:  
At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better 
2.0 GPA or equivalent standardized test scores

MM03  
Digital Photography II (FH Campus)  
2 Semesters
This is a project-intense course that builds upon the knowledge and skills gained in Photography 1. New concepts of lighting, color, composition and design will be applied to such fields as portraiture, photojournalism, still life product shooting and graphic design. Lighting techniques are taught in detail including studio electronic flash lighting, color gels, and continuous lighting. The working methods of the professional photographer are explored in preparation for real world applications.

Pre-Requisites:  
MM02

Graphic/Web Design

MM30  
Graphic/Web Design I  
1 Semester
This course will prepare students interested in pursuing graphic/web design and digital photography through multimedia related fields. Students will be challenged to learn the graphic design principles; line, shape, pattern, form and color theory. As well as, typography, digital photography, digital Pre-Press, and 2D animation. Students will use Adobe Illustrator, Lightroom, Photoshop, Animate, InDesign and DSLR Cameras to manipulate images in unique and creative formats and develop commercial art-related specification sheets for assignments, social media applications and client-based projects.

Please note: Dual enrollment for college credits is available.
Pre-Requisites:  
At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better 
2.0 GPA or equivalent standardized test scores

MM35  
Graphic/Web Design II  
1 Semester
This course will prepare students by learning traditional coding in HTML, CSS, Java scripting and the basics of the Internet as it pertains to visual communications and web page design. Web optimization and web page marketing techniques will be shared, along with Adobe Dreamweaver and third party drop and drag web based software for developing successful web construction. Students work individually and in teams to learn how to build digital portfolios and resumes for real-world application. Students may also be eligible for an in-class internship with EVIT’s Digital Print Studio.

Please note: Dual enrollment for college credits is available.
Pre-Requisites:  
MM30
MM40       Graphic/Web Design III                                       2 Semesters
This program will build the students intermediate and professional skills in the visual communication and media marketing industries. Through a hands on approach and real world client based projects, students will be working on advanced assignments, client projects and industry techniques. As well as, using conceptualization, time management and various industry standards to strengthen their knowledge for the industry workplace. Students will use their prior knowledge from Multimedia to develop and create super compositions that are ready for the final stage of presentation via critiques and client review.

Please note: Dual enrollment for college credits is available.
Pre-Requisites:      MM30 & MM35

Radio/Audio Production

RB10       Radio/Audio Production I                                      1 Semester
EVIT’s Radio/Audio Production program is home to KPNG, 88.7 FM, The Pulse & KVIT, 90.7 FM, Neon Radio, two fully functioning non-commercial radio stations, as well as a state of the art digital recording studio. Both radio stations feature long and short form student-produced programming and commercial-free music. The students also work on the stations’ websites, develop apps, apply social media and assist with market research. Students also have the option to focus on sports broadcasting, as EVIT Radio airs high school football, basketball and baseball/softball games during the school year all throughout the East Valley. Students can train to be play-by-play announcers, analysts & even on-site live sound engineers. This course introduces students to commercial & promo production, music production, Pro Tools editing software, news & sports writing, radio show preparation and marketing/promotions.

Please note: Dual enrollment for college credits is available.
Pre-Requisites:      At least 6 high school credits, including 1 English credit: ‘C’ or better
2.0 GPA or equivalent standardized test scores

RB20       Radio/Audio Production II                                      1 Semester
This course focuses on advanced studies of audio/music production, Pro Tools, news & sports broadcasting and radio show production. It also introduces students to music business, while also covering career preparation and PSA production. Additional digital editing software is also utilized, including Logic & FL Studio. Students also study and test for their Radio Operators Certification, endorsed by the Society of Broadcast Engineers.

Please note: Dual enrollment for college credits is available.
Pre-Requisites:      RB10

RB 30       Radio/Audio Production III                                      2 Semesters
This course provides students with the opportunity to act as staff members of the radio stations, including filling student director positions that mirror those of the professional radio industry. Students can also choose to host a regularly scheduled on-air radio show or hone their sports broadcasting skills by calling high school sporting events throughout the school year. The course also allows students to branch off into specific areas of audio and music production, including conducting a studio session with bands, creating music in digital editing software and producing most of the audio that is utilized on the two radio stations. RB30 also includes advanced studies in music business and live sound, and provides opportunities for students to serve as on-site live sound engineers during the sports broadcasts. Students who successfully complete this course may receive a state CTE certification in Music/Audio Production.

Please note: Dual enrollment for college credits is available.
Pre-Requisites:      RB10 & RB20
**Video Production**

**TV10 Video Production I**
1 Semester
The EVIT Video Production Program is where students can develop an understanding of the production and development of video and film. Students are instructed in camera, lighting, and sound, as well as pre-production and scheduling. Students will receive considerable training and experience in non-linear editing primarily using Adobe Premiere. Students will also be introduced to the function and logistics of the film and video production industries, and informed and trained on seeking a career in those fields.

*Please note: Dual Enrollment for college credits is available.*

**Pre-Requisites:**
- At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better
- 2.0 GPA or equivalent standardized test scores

**TV20 Video Production II**
1 Semester
This course gives students the opportunity to focus on the skill sets and professions they’ve shown interest and affinity for, as well as learn the logistics of specialized sections of the production industry, such as advertising, news production, and copyright law.

*Please note: Dual Enrollment for college credits is available.*

**Pre-Requisites:**
- TV10

**TV30 Video Production III**
2 Semesters
This course focuses on application and mastery of the skills learned in course 1, and students are given many opportunities to create high quality video projects using class resources. Students are also introduced to film history and theory, as well as industry standards in terms of resources and logistics. Students also study and test for certification in the latest version of Adobe Premiere.

*Please note: Dual Enrollment for college credits is available.*

**Pre-Requisites:**
- TV10 & TV20

**Early Childhood Education**

**CC10 Early Childhood Education I**
1 Semester
Gain hands-on experience in an on-site lab school, operated by Bright Ideas Preschool, while learning how to interact with young children and facilitate developmentally-appropriate activities. Students will focus on early childhood philosophy, childhood development, career opportunities and current issues in safety, health, nutrition and curriculum development.

*Please note: Dual enrollment for college credits is available. Students must obtain a Fingerprint Clearance card at age 18.*

**Pre-Requisites:**
- At least 6 high school credits, including Pre-Algebra: ‘C’ or better and English: ‘B’ or better
- 2.0 GPA or equivalent standardized test scores
- Negative Tuberculosis test (all students tested in class in August)
- No criminal record (Arizona State Law requires students to sign a criminal history verification form)
CC20    Early Childhood Education II    1 Semester
Students continue advanced studies in child psychology & development. They continue to learn how to create developmentally appropriate lesson plans, classroom management & discipline techniques. Students will continue to receive hands-on experience working with our on-site school and surrounding head start programs.

Please note: Dual enrollment for college credits is available. Students must obtain a Fingerprint Clearance card at age 18.
Pre-Requisites:      CS10

CC25    Early Childhood Education III    2 Semesters
Students continue advanced studies in child psychology & development. They write and deliver lesson plans with our on-site preschool or surrounding area head starts. Students are assigned/apply for internship opportunities during the second half of the school year. Students that qualify may select the opportunity to earn their Child Development Associate (CDA) national certification upon completion of this program and the necessary requirements.

Please note: Dual enrollment for college credits is available. Students must obtain a Fingerprint Clearance card at age 18.
Pre-Requisites:      CS20

Future Engineers

IT60    Future Engineers I    1 Semester
This is a project based course that will allow students to discover the tools and technologies engineers use to design and build using math and science coupled with their ingenuity. They will be introduced to the field of Engineering through the use of lecture, lab work, guest speakers and visits to industry. The course is built on understanding the relevancy and application of mathematics, science, and technology to solve engineering problems surrounding the disciplines of Civil, Electrical, Mechanical, Chemical, Environmental, Biomedical Engineering and Engineering Technology.
Pre-Requisites:     6 high school credits, including 1 Science credit: ‘B’ or better, 1 English credit: ‘C’ or better, 1 Advanced Algebra credit: ‘C’ or better, and concurrent enrollment in another Math course
On track for graduation
2.5 GPA or equivalent standardized test scores

IT61/IT62    Future Engineers II/III    1 Semester (2 quarters: Q3/Q4)
Students will continue to solve problems, design and build; using tools & technologies of the trade. The students will also be introduced to Manufacturing Technology and programming skills, including CAD, EXCEL and 3D printing.
Pre-Requisites:      IT60

IT63    Future Engineers IV (capstone)    2 Semesters
This is a project based course culminating in a capstone project. Students will design, develop and construct their project.
Pre-Requisites:      IT62
Machining Technology

MT10  Machining Technology I  1 Semester
The Precision Machining program is designed to introduce students to basic precision manufacturing and advanced machining principles and technical skills. Upon program completion students will be prepared in the following instructional areas: manufacturing systems, production planning, information systems, quality control, documentation, technical problem solving, management, predictive/preventive maintenance, and automated manufacturing. Students will have the opportunity to earn industry-recognized certifications such as NCCER Level 1 and MSSC Level 1 which can lead to the Certified Production Technician (CPT) certification, NIMS Level 1 certification, or ASQ quality certification. The program is comprised of two core courses and a specific course in Computer Numeric Control (CNC) Precision Machining. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA.

Pre-Requisites:  At least 6 high school credits, including 1 Math credit ‘C’ or better 2.0 GPA or equivalent standardized test scores

MT20/30  Machining Technology II  (2 quarters: Q3/Q4)  1 Semester
Advanced studies in precision manufacturing and advanced machining principles and technical skills. Completion of level 1 NIMS certifications in manual milling, manual Lathe operations, and Safety, maintenance and materials

Pre-Requisites:  MT10

MT35  Machining Technology III  2 Semesters
Continuation of advanced studies in advanced machining principles and technical skills in CNC programming, set up and operation. Production planning and Quality control and Inspection. Students will complete certification testing.

Pre-Requisites:  MT30

Banking and Financial Services

BK10  Banking and Financial Services I  1 Semester
Prepare for a career in the banking industry, working in a bank branch, credit union and potentially as a bank executive. Students will learn the back-end and front-end operation of a bank or a credit union branch. Students will learn to analyze customer profiles and to sell bank products. The course includes both an in-class academic component, as well as a hands-on experience that includes the operation of an actual credit union branch under the supervision of banking professionals.

Pre-Requisites:  At least 6 high school credits, including 2 Math and 1 English credit 2.0 GPA or equivalent standardized test scores

BK20  Banking and Financial Services II  1 Semester
Students continue learning valuable finance tools and customer service protocols while completing an internship. Student will spend two days a week working at a local bank and/or credit union and the others days in the academic classroom.

Pre-Requisites:  Successful completion of BK10
Networking Academy & Cyber Security

IT12  Introduction to Networking & Cyber Security  1 Semester
This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced. Students will build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. They will also learn architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. Configuration and troubleshooting routers and switches and resolving common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. Preparation for Cisco CCNA certification examination.

Please note: 8 Dual Enrollment for college credits is available

Pre-Requisites: At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better
2.0 GPA or equivalent standardized test scores

IT20  Networking Academy & Cyber Security  1 Semester
This course continues with studies in the architecture, components, and operations of routers and switches in large and complex networks. Configuring routers and switches for advanced functionality. Configuring and troubleshooting routers and switches and resolving common issues with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks.
Developing the knowledge and skills needed to implement a WLAN in a small-to-medium network Wide Area Network (WAN) technologies and network services required by converged applications in a complex network. Criteria selection of network devices and WAN technologies to meet network requirements. Configuring and troubleshooting network devices, and resolving common issues with data link protocols issues, and developing the knowledge and skills needed to implement Internet Protocol Security (IPSec) and Virtual Private Network (VPN) operations. Preparation for Cisco CCNA certification examination.

Please note: 8 Dual Enrollment for college credits is available

Pre-Requisites: IT12

IT22  Cyber Security I  1 Semester
The CompTIA Security+ certification is a vendor-neutral credential. The CompTIA Security+ exam is an internationally recognized validation of foundation-level security skills and knowledge, and is used by organizations and security professionals around the globe. The CompTIA Security+ exam will certify the successful candidate has the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The successful candidate will perform these tasks to support the principles of confidentiality, integrity, and availability. This course will build a foundation necessary for the development of a career as a security professional. The student will be expected to perform research, actively participate in a collaborative environment, learn and use Linux skills, understand Networking principles, as well as learn and implement Security Best Practices.

This course will focus on the following topics: Technologies and Tools, Architecture and Design, Identity and Access Management, Risk Management. Additionally, this course will build a foundation for Linux System proficiency. Students will learn and employ security research method and procedures in order to create their cyber security threat picture awareness.

Please note: Dual Enrollment for college credits is available

Pre-Requisites: IT20 or networking course from home school (or instructor approval)
IT23  Cyber Security II  1 Semester

The CompTIA Security+ certification is a vendor-neutral credential. The CompTIA Security+ exam is an internationally recognized validation of foundation-level security skills and knowledge, and is used by organizations and security professionals around the globe. The CompTIA Security+ exam will certify the successful candidate has the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The successful candidate will perform these tasks to support the principles of confidentiality, integrity, and availability. This course will build a foundation necessary for the development of a career as a security professional. The student will be expected to perform research, actively participate in a collaborative environment, learn and use Linux skills, understand Networking principles, as well as  learn and implement Security Best Practices.

This course will focus on the following topics: Threats, Attacks and Vulnerabilities, Identity and Access Management, Cryptography and PKI. Additionally, this course will build upon the Linux training provided in the First Semester Course with an emphasis on Security and Penetration Testing Tools. Students will be tasks to employ security research skillset to build upon their cyber security threat picture awareness.

Pre-Requisites: IT22

Coding and Mobile Application Design

IT13  Introduction to Computer Programing and Coding  1 Semester  First Semester

Coding students will be able to identify and explain computer components and operations, explain the software development life cycle, use the American Standard Code for Information Interchange. (ASCII) and Unicode Consortium code, perform computations using decimal, binary, octal, and hexadecimal number systems, design console and graphical user interfaces and reports, design programs using structured and object-oriented design tools, design and write programs using the various control structures, explain structured programming techniques, and describe how they are embodied in object-oriented programming techniques and differentiate between procedural, object-oriented, and event- driven programming.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites:  At least 6 high school credits, including 1 Science credit: ‘C’ or better, 1 Algebra credit: ‘C’ or better, 1 Geometry credit: ‘C’ or better, 1 English credit: ‘C’ or better
2.0 GPA or equivalent standardized test scores

IT40  Computer Program Coding and Mobile Application Design I  1 Semester

Second semester coding students will use OOP features to design and write programs using arrays, use OOP features to design and write classes that have public and private properties and behaviors including constructors and destructors, use OOP features to design and write programs that create and manipulate objects, explain method overloading and overriding and explain the principles of single and multiple inheritances in object oriented programming. Students will take certification exam for C#

Pre-Requisites:  IT13
Year 2 Coding students will be able to explain the evolution of C# and basic computer components, describe the software development process, use predefined data types to declare and manipulate variables and arrays, use operators in arithmetic and Boolean expressions, design and develop object-oriented programs using various flow control structures and functions, describe object-oriented concepts, design and develop programs using classes and object-oriented programming techniques, process various input and output, debug simple and complex programming errors, use standard pre-processor commands and create graphical applications. Students will take certification exam for Python.

Pre-Requisites: IT40

Digital Device Diagnostic and Repair

IT11  Introduction to Digital Device Diagnostic and Repair  1 Semester Learn the skills necessary to obtain ComTIA A+ Certification, an International industry credential for computer service technicians. Hands-on classroom training includes installation, configuration and upgrading of hardware and software. They develop troubleshooting and basic network skills. Course includes training in Microsoft Office. Students also learn how to repair devices such as iPad, iPhones, gaming consoles and many more. Students participate in SkillsUSA and Arizona Students Recycling Used Technology (AZstRUT), which teaches valuable skills and provides quality refurbished computers to schools and non-profit organizations across Arizona.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better
2.0 GPA or equivalent standardized test scores

IT30  Digital Device Diagnostic and Repair I  1 Semester

Continue to learn the skills necessary to obtain ComTIA A+ Certification, an International industry credential for computer service technicians. Hands-on classroom training includes installation, configuration and upgrading of hardware and software. They develop troubleshooting and basic network skills. Course includes training in Microsoft Office. Students also learn how to repair devices such as iPad, iPhones, gaming consoles and many more. Students participate in SkillsUSA and Arizona Students Recycling Used Technology (AZstRUT), which teaches valuable skills and provides quality refurbished computers to schools and non-profit organizations across Arizona.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: IT11

IT35  Digital Device Diagnostic and Repair II  2 Semesters D3R: Perfect the skills learned in Intro to D3R. In this course you will put into practice the knowledge you gained in the previous year by running the iTec store and performing tech support and repairs for the public. Students in course will also act as mentors to the first year students. By the end of this course you will complete the CompTIA A+ certification exam.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: IT30
Commercial Baking and Pastry Arts

CU20  Commercial Baking and Pastry Arts I  1 Semester
Introduction to working in a professional bakery. Students will learn equipment and ingredient identification, as well as the basic mixing methods. Cake construction and decorating will also be introduced. Emphasis is placed on working neatly and efficiently.

Please note: Dual Enrollment available through Scottsdale Community College, ServSafe Food Service Manager, ACF Certification, Certified Fundamentals Pastry Cook (CFPC©) during program
Pre-Requisites: At least 6 high school credits, including 1 Math credit ‘C’ or better
2.0 GPA or equivalent standardized test scores

CU25  Commercial Baking and Pastry Arts II  1 Semester
Course 2 is a continuation of Course 1. Production is increased, and students are expected to learn to incorporate time management. Students will work on more advanced decorating projects, such as wedding and fondant cakes. Students will also work more on plated desserts and customer orders.

Pre-Requisites: CU20

CU26  Commercial Baking and Pastry Arts III  2 Semesters
Second year students will work on a variety of different projects, including a survey of breads from around the world, specific cake projects, and themed holiday desserts. Students in Course 3 will also have the opportunity to develop their own plated desserts. Mentoring and leadership are also a part of this course.

Pre-Requisites: CU25

Culinary Arts

CU10  Culinary Arts I  1 Semester
Students develop skills necessary for food preparation, food production, and service in a commercial kitchen. The course includes instruction in basic baking & pastry, basic nutrition, food safety, sanitation, and the use & care of commercial equipment.

Please note Dual Enrollment available through Scottsdale Community College: Certificate of Completion in Culinary Fundamentals, ServSafe Food Service Manager, ACF Certification, Certified Fundamentals Cook (CFC©) during program
Pre-Requisites: At least 6 high school credits, including 1 Math credit ‘C’ or better
2.0 GPA or equivalent standardized test scores

CU15  Culinary Arts II  1 Semester
The course includes instruction in garde manger, breakfast foods, basic baking & pastry, basic nutrition, food safety, sanitation, and the use & care of commercial equipment.

Pre-Requisites: CU10

Please note Dual Enrollment available through Scottsdale Community College: Certificate of Completion in Culinary Fundamentals, ServSafe Food Service Manager, ACF Certification, Certified Fundamentals Cook (CFC©) during program

CU16  Culinary Arts III  2 Semesters
Students will then learn advanced techniques in food preparation skills, organization & operations, sanitation, quality control, and advanced use of commercial kitchen equipment while working in a culinary specialty.

Pre-Requisites: CU15

Please note Dual Enrollment available through Scottsdale Community College: Certificate of Completion in Culinary Fundamentals, ServSafe Food Service Manager, ACF Certification, Certified Fundamentals Cook (CFC©) during program
Fashion Design and Merchandising

FIT11  Fashion Design and Merchandising I  1 Semester
This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Fashion I includes the study of careers, the history of design, and the principles and elements of design. Students will receive an introduction to fashion design, including garment design & construction, illustration techniques, and basics of patternmaking & draping.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better
2.0 GPA or equivalent standardized test scores

FIT13  Fashion Design and Merchandising II  1 Semester
In Fashion II, students expand upon material introduced in Course I, specifically: The Design Method, garment design & construction, illustration techniques, and the fundamentals of patternmaking & draping. Additionally, students will study retail merchandising, textile science, and methods for printing/dyeing (textiles). Students will apply their acquired knowledge from Course I & II by producing a complete collection (as a class) and fashion runway show.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: FIT11

FIT25  Fashion Design and Merchandising III  2 Semesters
Fashion III will incorporate the 1st year knowledge into the advanced program and gain knowledge in personal styling, clothing construction, and inspirational design concepts. In this program students will also be able to coordinate fashion shows, fashion photo shoots, and fashion journalism. Students will prepare for FCCLA Spring Competition.

A student completing this program will possess the technical knowledge and skills associated with fashion design, textiles, merchandising, presentation, and sales. In addition to the technical skills, students will possess advanced employability skills including critical and conceptual thinking skills, applied academics, life management, and technology. Students will create a portfolio of their work, will prepare a resume and be trained to have the skills necessary to enter the workplace.

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: FIT13

Hospitality Management

HM10  Hospitality Management I  1 Semester
Students will learn the principles of operations in the travel and tourism industries, hotel and lodging facilities, food services, recreation, hospitality planning and business operations.

Pre-Requisites: At least 6 high school credits, including 1 Math credit ‘C’ or better
2.1 GPA or equivalent standardized test scores

HM20  Hospitality Management II  1 Semester
Students will apply the principles of operations in the travel and tourism industries, hotel and lodging facilities, food services, recreation, hospitality planning and business operations while focusing on human resource management, entrepreneurship, financial management, and marketing.

Pre-Requisites: HM10

Please note: Dual Enrollment with SCC, Serve Safe Food Service Manager Card, American Hotel and Motel Lodging Association:
- Certified Guest Service Professional (CGSP®)
- Certified Front Desk Representative
- Certified Restaurant Server

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**Interior Design and Merchandising**

**FIT12 Interior Design and Merchandising I**

*1 Semester*

This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Interior Design and Merchandising I course will introduce students to the various careers available in the interior design industry. Students will have opportunity to meet current interior designers in order to gain insight into their profession. The course will provide a foundation of fundamentals required for interior design including color theory and design, the elements and principals of design, textile science, textile design, as well as the history of architecture. Students will learn basic floor space planning, elevations, and measurements in interior design and practice presenting their projects in class to develop good communication skills. *Please note: Dual Enrollment for college credits is available.*

**Pre-Requisites:**

At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better
2.0 GPA or equivalent standardized test scores

**FIT14 Interior Design and Merchandising II**

*1 Semester*

Interior Design and Merchandising II continues to provide fundamentals with advanced training in color theory, critical thinking in design, advanced floor space planning and 3D model construction. Students will learn such as business and merchandising in the interior industry. Students may have the opportunity to compete in FCCLA Spring Conference. *Please note: Dual Enrollment for college credits is available.*

**Pre-Requisites:**

FIT12

**FIT35 Interior Design and Merchandising III**

*2 Semesters*

Interior Design and Merchandising III course will provide a practice of the fundamentals learned during the first year. Students will learn how to design and layout larger visual interior presentations combining floor plans, elevations and furnishings selections. As they develop presentations, students will study lighting, flooring materials, window treatments and other furnishings. Students will develop a budget and learn how to create an invoice. These students will also be trained on the 3D Chief Architect program in order to prepare for certification. Students will compete in the FCCLA Spring Conference for interior design. Students may also have opportunities to job shadow or participate in an internship in an interior related business. Students will also develop a portfolio of their work from the program and will interview and present this to industry professionals during the Annual FIT Career Day. *Please note: Dual Enrollment for college credits is available.*

**Pre-Requisites:**

FIT14

**Aesthetics**

**CS14 & CS24 Aesthetics I & II**

*2 Semester*

The Aesthetics program is a one-year high school program that offers training in the theory and practice of aesthetics. It meets and exceeds the requirements for licensing by the State Board of Arizona. The class emphasizes the structure and function of the skin and prepares students to critically access the individual needs of each client. Instruction includes comprehensive instruction in European and other Specialty facials, Microdermabrasion, Microcurrent, LED Light Therapy, Aroma Therapy, Hair Removal and many other services. Students learn to identify and either treat or refer out skin diseases and disorders through a foundation in Skin Analysis as well as Anatomy and physiology and Product Ingredient classes. During this course, students have the opportunity to gain Certifications in PCA Chemical peel, Dermaplane and Lash Extension. Upon completion this class, graduates are fully ready for employment in any number of professional environments. *Please note: Students attend class four (4) hours each day and may be required to provide their own transportation. Class times 7:00 AM – 11:00 AM or 12:00 PM – 4:00 PM*

**Pre-Requisites:**

At least 10 high school credits, including 2 English credits.
2.0 GPA or equivalent standardized test scores
Barbering

CS15                Barbering I              1 Semester
Introduction to Barbering is a two year, four credit course of four hours per day that provides students with a study of concepts related to the Barbering profession. Specific topics include Barbering history and opportunities, professional image, infection control, and basic fundamentals and principles of hair care and design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic Barbering procedures.

Introduction to Barbering is the prerequisite to Chemical Services, Hair Coloring, Salon Practices and Management, and State Board Practicum. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth. Please note: Students attend class four (4) hours each day and may be required to provide their own transportation.

Requirements: Proof of age. Social security card or waiver. Signed statement of understanding of program requirements. Class is four-hour day, Monday through Friday and requires a total of 1500 hours to complete the program and test for state license.

Pre-Requisites:      At least 10 high school credits, including 2 English credits.
                      2.0 GPA or equivalent standardized test scores

CS25                Barbering II            1 Semester
Advanced studies in barbering history and opportunities, professional image, infection control, and basic fundamentals and principles of hair care and design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Continued participation and competition in our state-wide student organization. Students begin client work in our student run barber shop.

Pre-Requisites: CS15

CS35                Barbering III           2 Semesters
This course focuses on advanced studies of practical skills in haircutting, skin care, wet shaving and beard shaping techniques, chemical services, styling and State board procedures and deeper preparation for working behind the chair and or barber shop related business skills. Continued work on clients in our student run barber shop.

Please note: Students are entered into the State Board examination at the Instructors discretion and upon completion of state requirements.

Pre-Requisites: CS25

Cosmetology

CS10, CS20, CS31    Cosmetology Fundamentals I & II & III  2 Year Program (4 semesters) This 2-year high school program prepares the student for the Arizona State Board of Cosmetology License Exam. By the time this class is complete the student will be fully prepared to seek a fun, high paying career in salons, spas, film or a number of other exciting work environments. The focus of education is balanced between 4 hours of theory and hands-on class time daily. Students learn in-depth about the fundamentals of hairstyling, haircutting, hair color and various chemical texture services. Second-year students provide services to the public in a working salon on an EVIT Campus which provides invaluable experience including customer service and other soft skills the work world will require. This course also includes advanced education to further develop salon ready skills through industry partnerships. Hairstyling is an exciting career choice that offers on-going education, highly flexible work hours to help you pursue whatever dreams you have!

Please note: Students attend class four (4) hours each day and may be required to provide their own transportation. 7:00 AM – 11:00 AM or 12:00 PM – 4:00 PM. Dual enrollment may be available for college credit.

Pre-Requisites: At least 10 high school credits, including 2 English credits.
                  2.0 GPA or equivalent standardized test scores
**Behavioral, Mental & Social Health Services**

**MC65  Behavioral, Mental & Social Health Services I  1 Semester**

This course will prepare students for a career in behavioral and/or social health as a behavioral or mental health technician/specialist. This training can lead to job opportunities as a case manager, parent aide, family advocate, respite worker or paraprofessional counselor. Mental health technicians may work as part of a team. There are job opportunities in public and private hospitals, treatment centers, clinics, assisted living facilities, schools and more. Duties may include coordinating mental health services, client interviews, documentation, group activities, maintaining client safety as well as helping clients with their personal needs. Will work with clients to promote dignity, independence, individuality, strengths, privacy and choice. During the first semester students will learn about foundations in past & present mental health care and treatment, building client rapport, communication, documentation, cultural diversity, therapeutic skills for technicians, and ethics & legal issues. Students will be required to participate in externships in the community.

*Please note: Students may be randomly drug tested. Dual enrollment may be available for college credit.*

**Pre-Requisites:**
- At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better
- 2.0 GPA or equivalent standardized test scores

**MC66  Behavioral, Mental & Social Health Services II  1 Semester**

This course will build on knowledge students gained MC65. In MC66 students learn about chronic mental health disorders, crisis intervention/de-escalation techniques, psychotherapeutic drugs, alternative/complementary therapies, autism, dementia and resilience. Students will have the opportunity to earn certificates in Article 9 Training, ASIST Training and Psychological First Aid. Students will be required to participate in externships in the community.

*Please note: Students may be randomly drug tested. Dual enrollment may be available for college credit.*

**Pre-Requisites:** MC65

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**Dental**

**MC10  Anatomy and Physiology for Medical Careers  2 Semesters**

This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

*Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.*

**Pre-Requisites:**
- At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)
- 2.0 GPA or equivalent standardized test scores
MC60 Dental Assisting I 1 Semester
Prepare for a dental career by learning about dental office operations such as instrument recognition and sterilization, radiography and laboratory processes, preparing patients for examinations and assisting with operational procedures. First semester, students concentrate on classroom learning, hands-on skills practice and x-ray certification. During the second semester, skills and experience are gained through internships at local dental offices. Students are required to complete a 100-hour internship. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to job shadowing or internship sites. Participation in the Health Occupations Student Organization (HOSA) is a requirement of the course.

Pre-Requisites:
- Seniors Only, who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better
- No criminal record
- 2.0 GPA or equivalent standardized test scores

MC61 Dental Assisting II 1 Semester
During the second semester, students will spend 6 weeks studying radiology, and preparing for DANB’s national dental x-ray certification exam. Students are required to complete an 80-hour externship where skills and experience are gained through work-based learning at local dental offices. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to externship sites.

Pre-Requisites: MC60

Emergency Medical Technician

MC10 Anatomy and Physiology for Medical Careers 2 Semesters This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Pre-Requisites:
- At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)
- 2.0 GPA or equivalent standardized test scores

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.
MC55                Emergency Medical Technician I
1 Semester
People’s lives often depend on the quick response and competent care of Emergency Medical Technicians (EMTs). Learn to recognize the signs and symptoms of illness and injury, assess and treat patients, administer oxygen and provide basic medical care. Training consists of coursework and hands-on experience designed to prepare students to administer immediate care, stabilization and immobilization of victims in emergency situations. The first semester will cover mostly medical emergencies.

Please note: Students must be 18 years old by November 1 following course completion and a U.S. Citizen or legal resident to take certification exam. DHS requires that students receive course completion certificates within six months of the course. Students are able to complete testing, but they cannot be certified in Arizona until they are 18. EVIT completers who receive an EMT card may receive college credit by evaluation for EMT101 and/or EMT 104. Students will be randomly drug tested.

Pre-Requisites: Seniors Only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better or 1 year of Sports Medicine
9th grade reading level
1 Algebra credit and 1 English credit: ‘C’ or better No criminal record
2.5 GPA or equivalent standardized test scores

MC56                Emergency Medical Technician II
1 Semester
The second semester of Emergency Medical Technician focuses on trauma emergencies. Students will prepare for national skill examination. Every student is required to complete a minimum 10-hour clinical rotation in an emergency room scheduled by the school. Students are responsible for their own transportation. NREMT Psychomotor Skill Exam are conducted at the end of the semester. Upon course completion, students are prepared to take state and national EMT examinations.

Please note: Students must be 18 years old by November 1 following course completion and a U.S. Citizen or legal resident to take certification exam. DHS requires that students receive course completion certificates within six months of the course. Students are able to complete testing, but they cannot be certified in Arizona until they are 18. EVIT completers who receive an EMT card may receive college credit by evaluation for EMT101 and/or EMT 104. Students will be randomly drug tested. Dual enrollment credit may be available.

Pre-Requisites: MC55

Home Health Aide

MC10                Anatomy and Physiology for Medical Careers
2 Semesters
This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores
**MC77**  
**Home Health Aide I**  
1 Semester
Home Health Aides, also known as Direct Care Workers (DCW), Personal Care Assistants, Caregivers, or Personal Care Aides, are a valuable part of the health care team. Home Health Aides care for people of all ages who are ill, injured or physically or mentally disabled. Home Health Aides assist clients with self-care activities such as eating, dressing, bathing and grooming needs. Home Health Aides may also help with home management activities such as meal preparation, light house cleaning or laundry.

**Pre-Requisites:**  
Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology  
On track to graduate or a plan for graduation  
2.0 GPA or equivalent standardized test scores

**MC78**  
**Home Health Aide II**  
1 Semester
Student continue learning job management and self-care skills including organizational skills related to the profession. During this semester, students prepare to take the Direct Care Workers test.

**Students who complete this program are eligible to take the Arizona Standardized DCW Test to demonstrate that they have the required knowledge and skills to be a qualified DCW.**

**Pre-Requisites:**  
MC77

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**Medical Assisting**

**MC10**  
**Anatomy and Physiology for Medical Careers**  
2 Semesters
This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

**Please note:** History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

**Pre-Requisites:**  
At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)  
2.0 GPA or equivalent standardized test scores

**MC20 or 22**  
**Medical Assistant I**  
1 Semester
Medical Assistants are educated and trained to perform administrative and clinical skills in a variety of settings, including doctors’ offices, hospitals and clinics. Learn medical terminology, body systems, EKG, phlebotomy, autoclave, CPR and first aid, OSHA safety standards and other medical specialties. Gain an understanding of office procedures such as patient billing, medical records, purchasing and filing of insurance claims. Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability.

Student must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG. **Students have the option of first completing Human Anatomy and Physiology for Medical Careers (MC10) and then taking the 2.5-hours-per-day Medical Assistant course to complete the program in two years OR the four-hours-per-day one-year Medical Assistant program (MC22/23). Please state which option the student is choosing on the application.**

**Please note:** Students will be randomly drug tested.

**Pre-Requisites:**  
2 Math credits and 2 English credits: all ‘C’ or better  
No criminal record  
Biology (may be taken concurrently) EVIT’s MC10 for those entering the 2.5-hours-per-day program.  
2.0 GPA or equivalent standardized test scores
MC21 or 23  Medical Assistant II  
1 Semester
Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG
Pre-Requisites:  MC20

Nursing Assistant

MC10  Anatomy and Physiology for Medical Careers  
2 Semesters
This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.
Pre-Requisites:  At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores

MC30  Nursing Assistant I  
1 Semester
A Nursing Assistant works under the supervision of a nurse to provide daily basic care for patients in hospitals, physician’s offices, private homes, clinics and assisted living facilities. First semester, learn CPR, anatomy and physiology, medical terminology, vital signs, hygiene, human reproduction, basic nutrition and patient care.

Please note: Students will be randomly drug tested.
Seniors who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better No criminal record
2.5 GPA or equivalent standardized test scores

MC31  Nursing Assistant II  
1 Semester
During the second semester, students work in clinical settings to master the skills required for the state certification exam. Flexible hours are required and depend upon the availability of clinical sites. Weekend and/or extended days may be required. Student must provide their own transportation to the clinical sites. The Arizona State Board of Nursing requires proof of legal presence in order to test for or renew certification or licensure.
Pre-Requisites:  MC30
Occupational Therapy Aide

MC10  Anatomy and Physiology for Medical Careers  2 Semesters This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores

MC57  Occupational Therapy Aide I  1 Semester
Occupational therapists help people with physical or mental disabilities gain the skills they need to be as independent as possible. In this class you will explore the dynamic history and philosophy of occupational therapy, understand the difference between occupational therapists, occupational therapy assistants, and occupational therapy aides. Students will experience hands on learning of job skills needed to gain employment as an occupational therapy aide, rehabilitation provider.

Please note: Students will be randomly drug tested.
Pre-Requisites: Seniors Only, at least 6 high school credits, including 1 Pre-Algebra, 1 Biology and 1 English credit. EVIT’s MC10: ‘C’ or better or Anatomy & Physiology w/Medical Terminology. On track to graduate or a plan for graduation
2.0 GPA or equivalent standardized test scores

MC58  Occupational Therapy Aide II
Students continue learning the skills of the occupational therapy aide and prepare for a 40-hour externship. Qualified students will participate in clinical experiences to gain valuable on the job experiences. Students must provide transportation to clinical experiences.

Pre-Requisites: MC57

Pharmacy Technician

MC10  Anatomy and Physiology for Medical Careers  2 Semesters This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites: At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores
Pharmacy Technician I

MC43

1 Semester

Pharmacy technicians help licensed pharmacists prepare prescription medications, provide customer service and perform administrative duties. The first semester concentrates on basic health care concepts such as medical terminology, safety, customer service, problem solving and CPR. Students learn occupation specific skills during the second semester. This rigorous academic course requires a high level of independent study while learning procedures for receiving prescription requests, counting tablets and labeling bottles, along with administrative functions such as answering phones and stocking shelves. Students must be 18 years of age to job shadow in a pharmacy. Job shadowing requires reliable transportation and is the sole responsibility of the student.

Please note: Students will be randomly drug tested.

Pre-Requisites:

Seniors Only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better

Juniors who have taken MC10 as Sophomores: ‘C’ or better 1 Math and 1 English credit: both ‘C’ or better

2.5 GPA or equivalent standardized test scores

Pharmacy Technician II

MC63

1 Semester

The spring semester continues learning the procedures of being a pharmacy technician. Students must be 18 years of age to job shadow in a pharmacy. Job shadowing requires reliable transportation and is the sole responsibility of the student.

Pre-Requisites: MC43

Physical Therapy Technician

MC10

Anatomy and Physiology for Medical Careers

2 Semesters

This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites:

At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better Biology (may be taken concurrently)

2.0 GPA or equivalent standardized test scores

MC45

Physical Therapy Technician I

1 Semester

Physical therapist technicians and chiropractic assistants help doctors in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites. This program is approved by the State Board of Chiropractic Examiners to train Chiropractic Assistants.

Please note: Students will be randomly drug tested.

Pre-Requisites:

Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Anatomy & Physiology: ‘C’ or better; or 1 credit of Sports Medicine

1 Math and 1 English credit: both ‘C’ or better

2.5 GPA or equivalent standardized test scores
MC46  Physical Therapy Technician II  1 Semester
Physical therapist technicians and chiropractic assistants help doctors in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites. This program is approved by the State Board of Chiropractic Examiners to train Chiropractic Assistants.

Please note: Students will be randomly drug tested.
Pre-Requisites: MC45

Massage Therapy

MA05 or 20  Massage Therapy I  1 Semester
Begin your study of Western and Eastern massage modalities, including Swedish, Chair massage, sports massage, hot stone and Reflexology. Coursework also includes anatomy and physiology, hygiene, ethics and medical terminology. Students prepare for their state licensing by completing 700 hours of hands-on training in the public clinic on campus and at various community events. Students must be 18 years of age before applying for state licensure. Students have the option of choosing the 2.5 hour per day two-year program OR the four-hours per day one-year program. Please state which option the student is choosing on the application. Students must be 18 years of age before applying for state licensure. Students have the option of choosing the 2.5-hours-per-day two-year program OR the four-hours-per-day one-year program (MA20, 22, 21 & 23). Please state which option the student is choosing on the application.

Please note: Students may be randomly drug tested.
Pre-Requisites: 2 English credits and Biology with a “C” or better
No criminal record
2.0 GPA or equivalent standardized test scores

MA10 or 22  Massage Therapy II  1 Semester
Second semester is a continuation of anatomy and physiology along with an introduction to the public clinic. More emphasis is placed on hands-on training.

Please note: Students may be randomly drug tested
Pre-Requisites: MA05

MA 06/20 or 21/23  Massage Therapy III  2 Semesters
Students are preparing for their state certification by completing a minimum of 700 hours of hands-on training in the public clinic and community events. More focus is spent on clinical assessment and treatment planning for a wide variety of clients. Students will end their second-year by preparing a business portfolio to include resume, cover letter, business cards and brochures.

Please note: Students may be randomly drug tested.
Pre-Requisites: MA06
Veterinary Assistant

MC10    Anatomy and Physiology for Medical Careers (Veterinary Focus)  2 Semesters
This course is designed to provide students with the opportunity to gain the knowledge, basic skills and abilities necessary to perform in an environment that maximizes the health care of animals. The curriculum prepares students for postsecondary Veterinary Technician education or entering the workforce as a veterinary assistant in a multitude of veterinary medical professions. This course is the first year of a two-year program culminating in the presentation of a EVIT certificate for completion for those successfully completing the two-year sequence. Students will study anatomy and physiology of various species, medical terminology, veterinary office and hospital procedures, communication and client relations, examination and clinical procedures, and veterinary assisting skills and procedures. This program is approved by the National Association of Veterinary Technicians in America (NAVTA). Student are eligible to sit for the Approved Veterinary Assistant examination upon completion of the two-year program.

Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.

Pre-Requisites:  At least 6 high school credits, including 1 Math credit and 1 English & Biology credit: both ‘C’ or better 2.5 GPA or equivalent standardized test scores

MC44    Veterinary Assisting I
Veterinary Assisting I, is a continuation of the MC 10 Anatomy and Physiology for Medical Careers (Veterinary Focus) course. Students will apply and build upon knowledge learned in the MC 10 with Veterinary Assistant course. Students will study advanced examination and clinical procedures, advanced veterinary assisting skills and procedures, veterinary laboratory procedures, veterinary surgical preparation and assisting, radiology and veterinary imaging skills, and veterinary pharmacy and pharmacology. This program is approved by the National Association of Veterinary Technicians in America (NAVTA). Student are eligible to sit for the Approved Veterinary Assistant examination upon completion of the two-year program.

Please note: This class is offered at the EVIT East Campus ONLY. Students will be randomly drug tested.
Dual Enrollment for college credits is available.

Pre-Requisites:  MC14 (Vet) at EVIT

MC64    Veterinary Assisting II
In this course students prepare for their Approved Veterinary Assistant certification by completing a 140 hour externship of hands-on training in a veterinary or animal-related industry. Externships are designed to prepare veterinary assistant students for high-quality service in practice, advanced specialty training, or other related field. Externs will primarily learn about and perform various animal husbandry and medical duties alongside staff while gaining valuable experience and knowledge. This program is approved by the National Association of Veterinary Technicians in America (NAVTA). Student are eligible to sit for the Approved Veterinary Assistant examination upon completion of this course.

Please note: This class is offered at the EVIT East Campus ONLY. Students will be randomly drug tested.
Dual Enrollment for college credits is available.

Pre-Requisites:  MC44
Construction Technologies

CT10                 Construction I  1 Semester
With the opportunities offered by the construction trades the student will learn critical thinking and essential problem-solving skills. Also identifies and discusses positive social skills and presents information on computer systems and their industry applications. Instruction in the basic jobsite safety information to prepare workers for the construction environment. Learning to describe the common causes of workplace incidents and accidents and how to avoid them. Introduces common personal protective equipment, including equipment required for work at height, and its proper use. Information related to safety in several specific environments, including welding areas and confined spaces is also provided. The student will review basic math skills related to the construction trades and demonstrates how they apply to the trades. Covers multiple systems of measurement, Decimals, Fractions, and basic Geometry, Decimals/Percentages, Reading Measurements, Calculating Area, Powers of Ten, Linear Measure, Angles, Volumes, Pressure, and Slopes, Solving for Unknowns, Square Inches, Feet, and Yards, Volume. Introduction to common hand tools used in a variety of construction crafts. Identifies tools and how to safely use them, also the operation of many power tools common in the construction environment. Provides instruction on proper use, as well as safe-handling guidelines and basic maintenance. Introduction to the basic terms, components, and symbols of construction drawings, as well as the most common drawing types. Also covers the interpretation and use of drawing dimensions. Understanding the basic information related to rigging and rigging hardware, such as slings, rigging hitches, and hoists. Emphasizes safe working habits in the vicinity of rigging operations, techniques for effective communication on the job. Includes examples that emphasize the importance of both written, verbal, non-verbal (hand signals) communication skills. Students learn the importance of reading skills in the construction industry and discusses effective telephone and email communication skills, and can describes the hazards associated with handling materials and provides techniques to avoid both injury and property damage, introducing common material handling equipment. **Pre-Requisites:** At least 6 high school credits, including 1 Math credit 2.0 GPA or equivalent standardized test scores

CT20                 Construction II  1 Semester
Building off of Semester I students will cover framing basics and the procedures for laying out and constructing a wood floor using common lumber, as well as engineered building materials. Learn how to describe types of roofs and provides instructions for laying out rafters for gable roofs, hip roofs, and valley intersections and techniques for measuring and calculating rise, run, and stairwell openings, laying out stringers, and fabricating basic stairways. Students will learn the procedures for laying out and framing walls, including roughing-in door and window openings, constructing corners, partition Ts, and bracing walls. Includes the procedure to estimate the materials required to frame walls, how to properly prepare the roof deck and install roofing for residential and commercial buildings, and be introduced to construction equipment, including the aerial lift, skid steer loader, electric power generator, compressor, compactor, and forklift. Students will learn how DWV systems remove waste safely and effectively. Discussing how system components, such as pipe, drains, traps, and vents work. Reviewing drain and vent sizing, grade, and waste treatment, and discussing how building sewers and sewer drains connect the DWV system to the public sewer system. Students are introduced to different types of plastic pipe and fittings used in plumbing applications, including ABS, PVC, CPVC, PE, PEX, and PB, also explaining the proper methods for cutting, joining, and installing all piping systems. Addressing insulation, pressure testing, seismic codes, and handling and storage requirements of plastic and copper pipes. **Pre-Requisites:** CT10

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CT21  Construction III  2 Semesters
Students will cover the various types of exterior finish materials and their installation procedures, including wood, metal, vinyl, and fiber-cement siding. Learn how to provide detailed instructions for the selection and installation of base and wall cabinets and countertops. Students will expand on the knowledge and skills gained through the Carpentry Curriculum and provides the basic information needed to construct and apply finishes to custom cabinetry, and identify and discusses various types of wood products, wood-joining techniques, power tools, cabinet doors, shelves, and hardware. Specific guidance is also provided for the installation of laminated countertops. Introduction to basic masonry materials, tools, techniques, and safety precautions. Explains how to mix mortar by hand and lay masonry units. Also describes the skills, attitudes, and abilities of successful masons, covering characteristics of block and brick; how to set up, lay out, and bond block and brick; how to cut block and brick; how to lay and tool block and brick; and how to clean block and brick once they have been laid. Learning masonry reinforcements and accessories used to lay block and brick professionally and safely. Students learn the principles of heating, ventilating, and air conditioning, career opportunities in HVAC, and how apprenticeship programs are constructed, and basic safety principles, as well as trade licensure and EPA guidelines, are also introduced. The students learn electrical devices and wiring techniques common to residential construction and maintenance, learning to practice making service calculations. Students cover safety rules and regulations for electricians, including precautions for electrical hazards found on the job. Also covering the OSHA-mandated lockout/tagout procedure.

Pre-Requisites:  CT20

Heating, Ventilation and Air Conditioning (HVAC)

AC10  Heating, Ventilation and Air Conditioning (HVAC) I  1 Semester
Introduction to HVAC covering the basic principles of heating, ventilating, and air conditioning, career opportunities in HVAC, and how apprenticeship programs are constructed, as well as trade licensure and EPA guidelines, are also introduced. Mathematics trade related problems involving the measurement of lines, area, volume, weights, angles, pressure, vacuum, and temperature, including a review of scientific notation, basic laws of matter, basic laws of thermodynamics, powers, roots, and basic algebra and geometry. Introduction to the concept of power generation and distribution, common electrical components, AC and DC circuits, and electrical safety as it relates to the HVAC field, introduction to reading and interpreting wiring diagrams, understanding the fundamentals of heating systems and the combustion process. Students will learn the different types and designs of gas furnaces and their components, as well as basic procedures for their installation and service. Learning the fundamental operating concepts of the refrigeration cycle and identifying both primary and secondary components found in typical HVAC/R systems. Also introduces common refrigerants. Learn how to describe the factors related to air movement and its measurement in common air distribution systems and the required mechanical equipment and materials used to create air distribution systems.

Students will be introduced to basic system design principles for both hot and cold climates, how to identify types of copper tubing and fittings used in the HVAC/R industry and how they are mechanically joined. Also learn the identification and application of various types of plastic piping, along with their common assembly and installation practices, equipment, techniques, and materials used to safely join copper tubing through both soldering and brazing. Covering the required personal protective equipment, preparation, and work processes in detail. Also provides the procedures for brazing copper to dissimilar materials.

Pre-Requisites:  At least 6 high school credits, including 1 English credit and 1 Math credit: both ‘C’ or better 2.0 GPA or equivalent standardized test scores
AC20  Heating, Ventilation and Air Conditioning (HVAC) II  1 Semester Building what students learned in the first semester. Students covers transformers, single-phase and three-phase power distribution, capacitors, the theory and operation of induction motors, and the instruments and techniques used in testing AC circuits, as well as the components and reviews electrical safety. Students learn how to explain operating principles of compressors used in comfort air conditioning and refrigeration systems. Includes installation, service, and repair procedures, characteristics and applications of pure and blended refrigerants, and provides extensive coverage of lubricating oils used in refrigeration systems, refrigerant handling and equipment servicing procedures for HVAC systems in an environmentally safe manner, the operating principles, applications, installation, and adjustment of fixed and adjustable expansion devices used in air conditioning equipment, the principles of reverse cycle heating, operation of heat pumps and explains how to analyze heat pump control circuits. Includes heat pump installation and service procedures. Also information related to maintenance-oriented materials, as well as guidelines for the inspection and periodic maintenance of various systems and accessories. Also covers the application of gaskets and seals, as well as the adjustment of different types of belt drives. Includes information on inspection and maintenance requirements for selected equipment.

Pre-Requisites:  AC10

AC25  Heating, Ventilation and Air Conditioning (HVAC) III  2 Semesters Second year students cover a variety of fasteners, hardware, and wiring terminations used in HVAC systems including the installation of these components. Students are provided with information and skills to troubleshoot control circuits and electric motors found in heating and cooling equipment, guidance related to troubleshooting cooling systems, review of the heat pump operating cycle, and presents troubleshooting procedures for components, information and skills needed to troubleshoot gas-fired furnaces and boilers. Students learn the construction and operation of oil-fired heating systems and their components. Includes servicing and testing of oil furnaces and procedures for isolating and correcting oil furnace malfunctions, skills needed to troubleshoot various air treatment accessories used with heating and cooling equipment, skills needed to troubleshoot and repair zoned, ductless, and variable refrigerant flow systems. Also learning water problems encountered in heating and cooling systems and identifies water treatment methods and equipment, the issues associated with indoor air quality and its effect on the health and comfort of building occupants, and heat recovery/reclaim devices, as well as other energy recovery equipment used to reduce energy consumption in HVAC systems, System Air Balancing, Also covering the start-up and shutdown of typical cooling towers and packaged HVAC units, Construction Drawings and Specifications, Heating and Cooling System Design Identifies factors that affect heating and cooling loads. Explains the process by which heating and cooling loads are calculated, and how load calculations are used in the selection of heating and cooling equipment, Commercial/Industrial Refrigeration Systems, Alternative and Specialized Heating and Cooling Systems.

Pre-Requisites:  AC20

Plumbing

PLB10  Plumbing I  1 Semester Plumbers protect the health of nations. Develop hands-on skills in various disciplines of commercial and residential Service Plumbing Technician. Students will study Blueprints, water distribution systems, drainage waste and vent systems, plumbing fixtures, potable water quality, water heating concepts and plumbing fixture installation. Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.

Pre-Requisites:  1 Math and 1 English credit: both ‘C’ or better

2.0 GPA or equivalent standardized test scores
PLB20    Plumbing II
1 Semester
Building on the lessons from Semester 1 the student learns Isometric drawings, material takeoffs, approved submittal data, and Building Information Management (BIM). Exploring the basics of backflow and water hammer prevention, and discusses the installation of shower and tub valves, ice maker and washing machine boxes, and pipe stub outs and supports, introduction to Fuel Gas Systems and safe handling of natural gas, liquefied petroleum gas, and fuel oil, introduction to electrical safety and the principles of electricity. The student will also be exploring gas-fired, electric, tankless, heat pump, and indirect water heaters, components, and applications.

Pre-Requisites:   PLB10

PLB22    Plumbing III
2 Semesters
Students will learn the types of private waste disposal systems, discusses the maintenance and installation of these systems. Introduction to the common types of medical gas and vacuum systems, and introduces the safety requirements for installing, testing, and servicing these systems, introduction to the hydronic and solar heating systems layout, installation, testing, and balancing, techniques for sizing water supply systems, including calculating system requirements and demand, developed lengths, and pressure drops, learn how to calculate drainage fixture units for waste systems. Business Principles for Plumbers / Introduction to concepts and practices that is essential for competitive, successful plumbing businesses. Also covers basic business accounting and project estimating, as well as techniques for cost control and task organization. Also learning basic leadership skills and explains different leadership styles, communication, delegating, and problem solving. With Service Plumbing the student learns how to repair of fixtures, valves, and faucets in accordance with code and safety guidelines.

Pre-Requisites:   PLB20

Criminal Justice

LE10    Criminal Justice I
1 Semester
Prepare for a career in the within Criminal Justice System. Training includes studies in crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills. Which will help students entering a career in the criminal justice system. Such as, law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, a college degree, or employment with criminal justice system. Students who reach age of 18 before completing the program may earn their Arizona Security Guard Card, allowing them to work in the field upon completion.

Please note: Dual Enrollment for college credit is available.

Pre-Requisites:   At least 6 high school credits, including 1 Math credit and 1 English credit: ‘C’ or better No criminal history 2.0 GPA or equivalent standardized test scores

LE20    Criminal Justice II
1 Semester
Training includes advanced study in crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills. Which will help students entering a career in the criminal justice system. Such as, law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, a college degree, or employment with criminal justice system. Students who reach age of 18 before completing the program may earn their Arizona Security Guard Card, allowing them to work in the field upon completion.

Please note: Dual Enrollment for college credit is available.

Pre-Requisites:   LE10

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LE25                      Criminal Justice III                      2 Semesters
Prepare for a career in the within Criminal Justice System. Training includes advanced study in crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills. Which will help students entering a career in the criminal justice system. Such as, law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, a college degree, or employment with criminal justice system. Students who reach age of 18 before completing the program may earn their Arizona Security Guard Card, allowing them to work in the field upon completion. 

Please note: Dual Enrollment for college credit is available.

Pre-Requisites:        LE20

Fire Science

FF10 or 21                     Fire Science I                     1 Semester
Fire Science I. Students will be introduced to firefighting basics and other emergency service related task. Students will learn the history of the fire service, fire behavior, water supply, firefighter gear and breathing apparatus and other engine company operations including fire attack and foam. Students will be completing IFSAC Firefighter I & II skill sheets.

Please note: Dual enrollment for college credits is available.

Pre-Requisites:        2.0 GPA or equivalent standardized test scores

FF20 or 22                     Fire Science II                    1 Semester Fire Science II.
Students will continue working on engine company operations and also be introduced to ladder company operations. Students will learn forcible entry, search and rescue, firefighter survival and salvage and overhaul. They will also learn technical rescue, including rappelling, rope rescue, and patient packaging. Students will be completing IFSAC Firefighter I & II skill sheets.

Please note: Dual enrollment for college credits is available.

Pre-Requisites:        FF10 or instructor approval

FF25                     Fire Science III                    2 Semesters

The advanced fire science course is a yearlong course designed to build upon the skills learned in fire science I & II. The students will learn about emergency vehicle operations; driving and operating the fire apparatus. The students will also learn hydraulic theory, hazardous materials response and place into practice what they learn by operating pumps, developing water supply, fire attack streams for firefighting operations and hazmat response scenarios. Students will complete a wildland firefighter training course and test for their national certification as a wildland firefighter S-130, S-190. FF 25 also covers aircraft rescue firefighting (ARFF), auto extrication and advanced search and rescue. Students will also take the emergency medical technician course, which includes an on-site hospital clinical session and will test for their national certification as an EMT. (NREMT). Students will also learn employability skills for job interviews and applications. *Students will participate in a live burn scenario day at a city fire department training facility. *

Please note: Dual enrollment for college credits is available. Drug Testing will be required at some point during course.

Students that fail will be removed from FF21 and repeat FF10/20.

Pre-Requisites:        2.0 GPA or equivalent standardized test scores **Human Anatomy & Physiology** highly recommended to take concurrently**
Automotive Technologies

AM10          Automotive Technologies Fundamentals                      1 Semester
Train for a career in the Automotive industry through National Automotive Technicians Education Foundation (NATEF) certified instruction and Automotive Service Excellence (ASE) certified instructors. This program focuses on employment standards that prepare students for the workforce. Learn all aspects of Automotive repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model vehicles and participate in work-based internship and job shadowing. In your first semester you will train in Shop safety and proper tool usage. Once mastered You will move into Automotive theory and from there you will disassembly an engine, identify the parts, measure the moving part and reassemble the engine.

Please note: Dual Enrollment for college credit is available.

Pre-Requisites: At least 6 high school credits, including 1 English credit and Pre-Algebra: ‘C’ or better
2.0 GPA or equivalent standardized test scores

AM20/30        Automotive Technologies I/II                          1 Semester (2 quarters: Q3/Q4)
In your second semester as a first year Automotive Student you will learn the proper maintenance of a vehicle. You will perform oil changes, transmission services, cabin filter replacement, starting and charging system testing and inspection. Once you complete your maintenance course you will learn the operation of cooling systems and lubrication systems. You will also learn how the hydraulic brake system operates, how suspension and driveline system works as well.

Please note: Dual Enrollment for college credit is available.

Pre-Requisites: AM10

AM35          Automotive Technologies III                             1 Semester
Year 2 of the Automotive program a student will learn heating and air-conditioning, electronics and computer controls on the cars. Your final semester involves the understanding of Air brakes, ABS and traction control on a vehicle. After 4 semesters you will complete the program with a vast understating on how a vehicle runs and operates. Internships, work shadows and career fairs occur in this year.

Please note: Dual Enrollment for college credit is available.

Pre-Requisites: AM30

Aviation Transportation

AV05          Aviation Spectrum                                       1 Semester
This is a series of introductory classes covering various subjects from aerodynamics to specific aircraft systems. You will be actively engaged in our labs as we disassemble and reassemble actual engines during the airframe & power plant unit, construct sheet metal airfoils to fly in our wind tunnel, and test your understanding of flight instruments and flight navigation in our computer simulators. This semester is very beneficial to anyone interested in the flight or maintenance career fields. This course is the first of a two-year program culminating in the presentation of a EVIT certificate for completion for those successfully completing the two-year sequence.

Please note: Dual enrollment credit may be available. Please note: History of drug abuse may limit aviation career opportunities.

Pre-Requisites: At least 6 high school credits, including Algebra with a “B” or better
2.5 GPA or equivalent standardized test scores
AV10/AV20  Advanced Aviation I/II  1 Semester
(2 quarters: Q3/Q4) This course in a continuation of AV05. This semester centers more on airport operations, the air traffic control field and pilot ground school subjects. They will learn about aviation related weather, aeronautical decision making skills (ADM), basic aviation physiology, aerospace navigation systems, and flight planning skills. Students that are planning to begin flight training in the second year are highly encouraged to obtain an FAA medical certificate by the end of the first semester. This also includes the completion of the FAA written private pilot (or drone operator) exam. Those planning to pursue an internship must complete an interview and acceptance from the employer.

Please note: Dual enrollment credit may be available. Please note: History of drug abuse may limit aviation career opportunities.
Pre-Requisites: AV05

AV35  Advanced Aviation III
1 Semester
This semester the students will participate in either flight training or an internship with an aviation industry partner. We partner with CGCC as the students receive both ground and flight instruction in a Part 141 flight program run by UND. We also offer internships that would allow those interested to take their flight instruction in either airplane or helicopter at one of the local flight schools. We may offer internships and training to be a certified UAV, (Drone) operator by collaborating with our local industry partners.

Please note: Dual enrollment credit may be available. Please note: History of drug abuse may limit aviation career opportunities.
Pre-Requisites: AV20

Collision Repair

AB10  Collision Repair I  1 Semester
Students will learn the collision repair business from A-Z in Arizona's first National Automotive Technicians Education Foundation (NATEF) certified collision program. You'll learn damage diagnosis (estimating), repair, Paint prep and refinish techniques with paint mixing and matching and blending procedures.
Pre-Requisites: At least 6 high school credits
2.0 GPA or equivalent standardized test scores

AB20/AB30  Collision Repair II/III  1 Semester
(2 quarters: Q3/Q4) Students receive I-CAR training and influence from ASE (Automotive Service Excellence) and are prepared for entry level jobs such as body or paint technician, parts procurement, production manager, insurance estimator or adjuster, paint or tool salesperson, and many other related career opportunities. Students will be introduced to aluminum repair and welding, steering and suspension systems, wheel alignment, dimensioning procedures for analyzing structural damage, adhesive bonding, anchoring procedures, structural dimensioning using mechanical and computer measuring systems, stationary glass replacement, welded panel replacement procedures including resistance spot welding and unibody sectioning. Safe and proper use of tools and equipment are covered in each area.
Pre-Requisites: AB10
AB35 Collision Repair III/IV
2 Semesters
Students will continue their advanced studies in the collision repair business in Arizona’s first National Automotive Technicians Education Foundation (NATEF) certified collision program. Advanced techniques in damage diagnosis (estimating), repair, Paint prep and refinish techniques with paint mixing and matching and blending procedures. Students will also learn advanced single stage and 2 stage paint application, mixing paint on a computerized scale, ordering materials, removal and application of stripes and decals, color matching and blending, identifying and refinishing different types of plastics and application of special OEM coatings.
Pre-Requisites: AB30

Diesel Technologies

AM63 Diesel Technologies Fundamentals
1 Semester
Train for a career in the Diesel Truck industry through National Automotive Technicians Education Foundation (NATEF) certified instruction and Automotive Service Excellence (ASE) certified instructors. This program focuses on employment standards that prepare students for the workforce. Learn all aspects of Diesel repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model Semi Truck and participate in work-based internship and job shadowing. In your first semester you will train in Shop safety and proper tool usage. Once mastered you will move into Diesel Engine theory and from there you will disassemble an engine, identify the parts, measure the moving part and reassemble the Diesel engine.

Please Note: Dual Enrollment for community college is available.
Pre-Requisites: Juniors and Seniors only
At least 1 English credit and Pre-Algebra: ‘C’ or better
2.0 GPA or equivalent standardized test scores
Recommended: Prior knowledge/experience with basic automotive repair

AM68/AM69 Diesel Technologies I/II
1 Semester (2 quarters: Q3/Q4)
In your second semester as a first year Diesel Student you will learn the proper maintenance of a modern Semi Truck. You will perform oil changes, transmission services, cabin filter replacement, starting and charging system testing and inspection. Once you complete your maintenance course you will learn the operation of cooling systems and lubrication systems. You will also learn how the hydraulic brake system operates, how semi-truck suspension and driveline system works as well.

Please Note: Dual Enrollment for community college is available.
Pre-Requisites: AM63

AM70 Diesel Technologies III
2 Semesters
Year 2 of the Diesel program a student will learn heating and air-conditioning, electronics and computer controls on the Truck and also the trailer of a semi. The final semester involves the understanding of Air brakes, ABS and traction control on a truck and trailer. After all 4 semester you will complete the program with a vast understanding on how a late model semi-truck runs and operates.

Please Note: Dual Enrollment for community college is available.
Pre-Requisites: AM69

It is the policy of the East Valley Institute of Technology District #401 to provide all persons with equal employment and education opportunities regardless of race, color, sex, national origin, marital status, age or disability. District grievance procedures will be followed for compliance with Title IX and section 504 requirements. The compliance office is the EVIT Superintendent.