Annual Public Notification of Nondiscrimination
Higley Unified School District does not discriminate on the basis of race, color, national origin, gender, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. Higley Unified School District Career and Technical Education department does not discriminate in enrollment or access to any of the available programs. The Higley Unified School District also does not discriminate in its hiring or employment practices. The lack of English language skills will not be a barrier to admission and participation in the district’s activities and programs.

This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the designated compliance coordinators at 2935 S. Recker Rd, Gilbert, AZ 85295, or at the phone numbers listed below:

Director of Special Education (480) 279-7059
Director of Athletics (480) 279-7078

Notificación de Non Discriminación
(Spanish Version)
Higley Unified School District no discrimina en base a raza, color, origen nacional, género, edad o discapacidad en la admisión a sus programas, servicios o actividades, en el acceso a ellos, en el tratamiento de los individuos o en cualquier aspecto de sus operaciones. Departamento Higley Unified School District carrera y educación técnica no discriminan en la inscripción o acceder a cualquiera de los programas disponibles. El Distrito Escolar Unificado de Higley también no discrimina en sus prácticas de contratación o empleo. La falta de conocimientos del idioma inglés no será una barrera para la admisión y participación en actividades y programas del distrito.

Este aviso se proporciona como es requerido por el título VI de la ley de derechos civiles de 1964, sección 504 del Acta de rehabilitación de 1973, Título IX de las enmiendas de Educación de 1972, la ley de discriminación de edad de 1975 y las Americans with Disabilities Act de 1990. Preguntas, quejas o solicitudes para obtener más información sobre estas leyes podrán ser comunicadas a los coordinadores designados cumplimiento en 2935 S. Recker Rd, Gilbert, AZ 85295, o en los números de teléfono que se enumeran a continuación:

Director de educación especial (480) 279-7059
Director de Atletismo (480) 279-7078
FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

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 efforts 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
Higley Unified School District
High School Course Guide
Grades 9-12
2019-2020

Governing Board
Kristina Reese
Amy Kaylor
Scott Glover
Greg Wojtovich
Jill Wilson

District Administration
Dr. Mike Thomason, Superintendent
Dr. Warren Shillingburg, Associate Superintendent
Dr. Randy Mahlerwein, Assistant Superintendent of Secondary Education
Dr. Anju Kuriakose, Director of Academic Support

Higley High School
Nancy Diab, Principal
4068 East Pecos Road
Gilbert, Arizona  85296
(480) 279-7300
Fax: (480) 279-7305
www.husd.org/higley

Williams Field High School
Steve Tannenbaum, Principal
2076 South Higley Road
Gilbert, Arizona  85295
(480) 279-8000
Fax: (480) 279-8005
www.husd.org/williamsfield
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GENERAL INFORMATION
*Course Guide will go into effect 5/27/2019

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

*All students are required to pass the state-mandated Civics Test 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
S.T.E.M AHEAD Diploma
HUSD a S.T.E.M AHEAD Diploma for students who are interested in pursuing careers in Science, Technology, Engineering or Math. Beginning with the Class of 2021 the STEM AHEAD Diploma requires a weighted GPA of 3.5 in addition to the following courses:

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honors English / English 9</td>
<td>Honors English / English 10</td>
<td>AP Literature /English 11</td>
<td>AP Language / English 12</td>
</tr>
<tr>
<td>*Honors Biology</td>
<td>*Honors Chemistry</td>
<td>AP Chemistry/AP Physics/ AP Biology</td>
<td>AP Chemistry/AP Physics/ AP Biology</td>
</tr>
<tr>
<td>Honors Geometry</td>
<td>Honors Algebra 2</td>
<td>Honors Pre-Calculus</td>
<td>AP Calculus / AP Statistics</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Foreign Language</td>
<td>Fine Art Elective</td>
<td>Elective - Optional</td>
</tr>
<tr>
<td>Physical Education</td>
<td>(AP) World History</td>
<td>(AP) U.S. History</td>
<td>(AP) Government / Economics</td>
</tr>
<tr>
<td>Honors Intro to Engineering</td>
<td>**Honors Principles of Engineering</td>
<td>**Honors Electrical and Computer Engineering</td>
<td>Engineering Internship (optional)</td>
</tr>
</tbody>
</table>

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

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™.

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 students must demonstrate proficiency in a second language through a passing score on the STAMP test. (*The STAMP test requires a fee of $25.00) or receive a score of a 4 or 5 on an AP world language test.
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 a 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>Percentage</th>
<th>Letter Grade</th>
<th>Regular</th>
<th>Honors/AP</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A</td>
<td>4.0</td>
<td>5.0</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
<td>3.0</td>
<td>4.0</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
<td>2.0</td>
<td>3.0</td>
</tr>
<tr>
<td>60-69</td>
<td>D</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>0-59</td>
<td>F</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

University and College Requirements and Testing

<table>
<thead>
<tr>
<th>Curriculum Area</th>
<th>Higley Unified School District Standard Diploma Requirements</th>
<th>AZ University Entrance Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
<td>4 credits</td>
</tr>
<tr>
<td>Math</td>
<td>4 credits</td>
<td>4 credits</td>
</tr>
<tr>
<td>Science</td>
<td>3 lab credits *biology must be one of the science credits</td>
<td>3 lab credits One credit in at least three of the four areas (Biology, Chemistry, Physics, Earth Science). An advanced level, e.g. advanced placement (AP) or honors course in a lab science completed previously can be used for a third unit.</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 credits</td>
<td>2 credits</td>
</tr>
<tr>
<td>Career and Technical Education/Fine Arts</td>
<td>1 credit</td>
<td>1 credit</td>
</tr>
<tr>
<td>World Language</td>
<td>0 credit</td>
<td>2 credits *Two years of the same language</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1 credit</td>
<td>0 credits</td>
</tr>
<tr>
<td>Total Required Credits</td>
<td>22 credits</td>
<td>16 credits</td>
</tr>
</tbody>
</table>
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.

NAU Lumberjack Scholarship
• Graduating class of 2019 – allowed only 1 course retake
Repeating Courses
The following courses may be taken for repeat credit each year:

<table>
<thead>
<tr>
<th>AFJROTC Drill Team/Color Guard</th>
<th>Dance Company</th>
<th>Principals of Leadership (LINK CREW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFJROTC Summer Leadership School</td>
<td>Digital Photography III</td>
<td>Retail Operations Sports Medicine 3-4</td>
</tr>
<tr>
<td>Advanced Acting</td>
<td>General Strength and Conditioning</td>
<td>Strength and Conditioning Athletic</td>
</tr>
<tr>
<td>Advanced Ceramics Advanced Dance</td>
<td>Group Fitness</td>
<td>Emphasis</td>
</tr>
<tr>
<td>Advanced Elite Dance</td>
<td>Honors Academic Decathlon</td>
<td>String Orchestra</td>
</tr>
<tr>
<td>Advanced Graphic Design</td>
<td>Intermediate Dance</td>
<td>Student Council Leadership</td>
</tr>
<tr>
<td>Advanced Team Sports</td>
<td>Jazz Band</td>
<td>Symphonic Band</td>
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<tr>
<td>Advanced Vocal Ensemble</td>
<td>Journalism</td>
<td>Technical/Stagecraft Theater</td>
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<tr>
<td>Beginning Dance</td>
<td>Marching Band</td>
<td>TV Broadcasting</td>
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<tr>
<td>Band Auxiliary / Winter Guard</td>
<td>Men’s Chorale</td>
<td>Vocal Ensemble</td>
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<td>Chamber Choir</td>
<td>Percussion Ensemble</td>
<td>All CTE Internships</td>
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<td>Concert Band Concert Choir</td>
<td>Physical Education</td>
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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.

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

8
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 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
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: None
Grade Level: 9

Credits: 0.5
Fees: None
Location: HHS, WFHS

HONORS BIOSCIENCE I BT107WA/BT108WB
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: Introduction to Bioscience.

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 BT109WA/BT110WB
MEETS CTE or SCIENCE/LAB 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. 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 Technologies.

Course Length: 1 year
Prerequisite: Honors Bioscience I & Algebra
Grade Level: 11, 12

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 Career and Technical Education Student Organization (CTSO). ADE/CTE approved program- ADE course title: Fundamentals of Law, Public Safety and Security.

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

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 Career and Technical Education Student Organization (CTSO). ADE/CTE approved program- ADE course title: Law, Public Safety and Security – Advanced Applications.

Course Length: 1 year
Prerequisite: Introduction to Criminal Justice
Grade Level: 11, 12

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 Skills USA Student Association. ADE/CTE approved program- ADE course title: Communications Media Technologies Fundamentals.

Course Length: 1 year
Prerequisite: None
Grade Level: 9, 10, 11
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 will design a photo project and will be expected to exhibit their work. Students are strongly encouraged to participate in Skills USA. ADE/CTE approved program- ADE course title: Photography I.

Course Length: 1 year  
Prerequisite: Digital Photography I  
Grade Level: 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
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 Skills USA. ADE/CTE approved program- ADE course title: Photography II.

Course Length: 1 year  
Prerequisite: Digital Photography II  
Grade Level: 11, 12  
Credits: 1  
Fees: Refer to fee schedule and AP Exam  
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 Skills USA. ADE/CTE approved program- ADE course title: Photography I.

Course Length: 1 year  
Prerequisite: Digital Photography I  
Grade Level: 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
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 Skills USA.
ADE/CTE approved program- ADE course title: Photography II.
Course Length: 1 year
Prerequisite: Digital Photography II-Yearbook
Grade Level: 11, 12
Credits: 1
Fees: Refer to fee schedule
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 hygienist, 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 FPR 2019 SY
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 – INTERNSHIP FOR 2020SY
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 is the first course of the Project Lead the Way Pathway to Engineering™ program. 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 Skills USA. This course may be eligible for dual enrollment credit. ADE/CTE approved program- ADE course title: Fundamentals to Explore Engineering Sciences.

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

HONORS PRINCIPLES OF ENGINEERING EG103WA/EG104WB
MEETS CTE or ELECTIVE REQUIREMENT
This is the second foundation course of the Project Lead the Way Pathway to Engineering™ program. 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. This course may be eligible for dual enrollment credit. Students are strongly encouraged to participate in Skills USA. ADE/CTE approved program- ADE course title: Applications of Problem Solving in Engineering Sciences.

Course Length: 1 year
Prerequisite: Introduction to Engineering Design
Grade Level: 10, 11, 12
Credits: 1 Weighted
Fees: Refer to fee schedule / Embry-Riddle tuition if taken for Dual Enrollment
Location: HHS, WFHS
HONORS ELECTRICAL AND COMPUTER ENGINEERING EG105WA/EG106WB – TITLE CHANGE SEM 2

MEETS CTE or ELECTIVE REQUIREMENT

This course is the third foundation course for Project Lead the Way Pathway to Engineering™ program. This course is the study of electronics and software. Electrical Engineering is the foundation of all modern electronic devices such as cell phones, laptops computers, MP3 players, digital cameras and more. Students are strongly encouraged to participate in Skills USA. This class may be offered as Advanced Placement (AP) and Dual Enrollment and may be taken concurrently with Honors Principles of Engineering with teacher approval.

ADE/CTE approved program- ADE course title: Advanced Engineering Sciences.

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

INTRO TO GRAPHIC/WEB DESIGN GD107/GD108B

MEETS CTE, FINE ARTS, or ELECTIVE REQUIREMENT

Students in this introductory course will study the fundamentals of graphic design through hands-on experience with relevant technology to prepare them to consider pursuing careers in the creative and visual communication industry. Students will use visual art and technical concepts to sharpen students’ critical thinking, logic, communication, organization, and problem solving. Students will acquire technical skills through the use of industry design software. Affiliated Student Organization: FBLA.

ADE/CTE approved program- ADE course title: Communication Media Technologies Fundamentals.

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

INTERMEDIATE GRAPHIC DESIGN: Track 1 – Book Production GD109A/GD110B

MEETS CTE, FINE ARTS, or ELECTIVE REQUIREMENT

This project-based course, applies the graphic design/visual communication techniques learned in the introductory class. Students are challenged to apply these methods and concepts to create an effective production team to produce the yearbook using industry standard software. Students in this class will have the opportunity to see their designs, stories and photography realized through real-publications including, but not limited to, the school yearbook, which may require work outside of class time to complete. Affiliated Student Organization: FBLA. ADE/CTE approved program- ADE course title: Graphic/Web Design I.

Course Length: 1 year
Grade Level: 10, 11, 12
Prerequisite: Intro to Graphic/Web Design
Credits: 1
Fees: Refer to fee schedule
Location: HHS

ADVANCED GRAPHIC DESIGN: Track 1 – Book Production GD111A/GD112B

MEETS CTE, FINE ARTS, or ELECTIVE REQUIREMENT

This project-based course, applies the graphic design/visual communication techniques learned in the intermediate class and allows students the opportunity to become editors. Students are challenged to use their previously learned skills and apply them to create an effective production team to produce the yearbook using industry standard software. Students in this class will have the opportunity to learn project management, budgeting and explore roles within a design team, and allow them to develop leadership skills. Affiliated Student Organization: FBLA. ADE/CTE approved program - ADE course title: Graphic/Web Design II.

Course Length: 1 year
Grade Level: 11, 12
Prerequisite: Intermediate Graphic Design: Track 1
Credits: 1
Fees: Refer to fee schedule
Location: HHS
INTERMEDIATE GRAPHIC/WEB DESIGN: Track 2 – Specialized Design GD209A/GD210B
MEETS CTE, FINE ARTS, or ELECTIVE REQUIREMENT
This project-based course applies the graphic design/visual communication techniques learned in the introductory class. Students are challenged to apply the methods and concepts previously learned and allow students to develop their skills while they learn to work with clients one on one and while they begin to decide to specialize in certain areas of graphic design. This program prepares students for careers as production artists, graphic and multimedia designers within a diverse industry. Students will further develop technical skills in the industry standard design software. Affiliated Student Organization: FBLA
ADE/CTE approved program - ADE course title: Graphic/Web Design I.
Course Length: 1 year Credits: 1
Prerequisite: Intro to Graphic/Web Design Fees: Refer to fee schedule
Grade Level: 10, 11, 12 Location: HHS

ADVANCED GRAPHIC/WEB DESIGN: Track 2 – Specialized Design GD211A/GD212B
MEETS CTE, FINE ARTS, or ELECTIVE REQUIREMENT
In this project-based course, students refine their specialization chosen in the intermediate class and hone their technical design skills. Students will further develop their problem solving skills as they begin to explore leadership roles within a design team and learn about freelance graphic design, budgeting, expenses, project management, client interviews, and taxes for independent contractors. Designers may work on projects such as illustrations, tag lines, logos, digital imaging, website design, and advertising layouts for clients. Students will apply advanced technical skills in the use of industry standard design software. Affiliated Student Organization: FBLA. ADE/CTE approved program - ADE course title: Graphic/Web Design II.
Course Length: 1 year Credits: 1
Prerequisite: Intermediate Graphic Design: Track 2 Fees: Refer to fee schedule
Track 2 Location: HHS
Grade Level: 11, 12

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. Course curriculum is aligned nationally with DECA, the student CTE organization for Marketing Education. DECA provides leadership and competition opportunities. ADE/CTE approved program- ADE course title: Fundamentals of Marketing, Management and Entrepreneurship.
Course Length: 1 year Credits: 1
Prerequisite: None Fees: Refer to fee schedule
Grade Level: 9, 10, 11 Location: HHS, WFHS

ADVANCED MARKETING and ECONOMICS MK103A/MK104B
MEETS CTE or ELECTIVE REQUIREMENT/.5 Economics Credit
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 a College. ADE/CTE approved program- ADE course title: Professional Sales and Marketing.
Course Length: 1 year Credits: 1
Prerequisite: Marketing or Computer Applications in the Marketing Industry Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment
Grade Level: 10, 11, 12 Location: HHS, WFHS
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.

Course Length: 1 year  
Prerequisite: Advanced Marketing  
Grade Level: 11, 12  
Credits: 1  
Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment  
Location: HHS, WFHS

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.

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

VIDEO PRODUCTION I MM101A/MM102B
MEETS CTE or ELECTIVE REQUIREMENT
Introduction to Video Production 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. 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 encouraged to participate in FBLA. ADE/CTE approved program- ADE course title: Communications Media Technologies Fundamentals.

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

VIDEO PRODUCTION II MM103A/MM104B
MEETS CTE or ELECTIVE REQUIREMENT
Students will build on the technical skills obtained from the Introduction to Video Production 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 encouraged to participate in Skills USA. ADE/CTE approved program- ADE course title: Film and TV I.

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 Skills USA. ADE/CTE approved program- ADE course title: Film and TV II.

- 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 CT205A/CT206B
MEETS CTE or ELECTIVE REQUIREMENT
Software development is a growing industry that provides high wage high need career options. In this course students will have the opportunity to explore real world computing problems using Python® as a primary tool and incorporating multiple platforms and languages 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 Development Fundamentals.

- Course Length: 1 year
- Prerequisite: None
- Grade Level: 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
Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. This course aligns with the AP CS A course. Students are strongly encouraged to participate in the SkillsUSA Student Association. ADE/CTE approved program- ADE course title: Software Development.

- Course Length: 1 year
- Prerequisite: Software Development I
- Grade Level: 11, 12
- Credits: 1
- 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: Fundamentals of Allied Health.

Course Length: 1 year
Prerequisite: Biology
Grade Level: 10, 11
Credits: 1
Fees: Refer to fee schedule
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 advanced 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 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 Services.

Course Length: 1 year
Prerequisite: Sports Medicine I
Grade Level: 11, 12
Credits: 1
Fees: Refer to fee schedule/MCCCD Tuition if taken for Dual Enrollment
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.

Course Length: 1 year
Prerequisite: Sports Medicine II
Grade Level: 12
Credits: 1
Fees: Refer to fee schedule/MCCCD Tuition if taken for Dual Enrollment
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). Student must turn in the following to be considered: A) internship application B) instructor recommendation form C) resume.

Course Length: 1 year
Prerequisite: Completion of an approved
Grade Level: 12
Credits: 0.50 repeatable for credit
Fees: Refer to fee schedule
Location: HHS, WFHS

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
Prerequisite: Placement on AZELLA
Grade Level: 9, 10, 11, 12
Credits: 2-4
Fees: None
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
Prerequisite: None
Grade Level: 9
Credits: 1
Fees: None
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: 1 English credit  
Grade Level: 10  
Credits: 1 Weighted  
Fees: None  
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: 2 English credits  
Grade Level: 11  
Credits: 1 Weighted  
Fees: AP Exam / Tuition if taken for Dual Enrollment  
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: 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: 3 English credits
Grade Level: 12
Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
Location: HHS, WFHS

SHAKESPEARE EN409A/EN410B
MEETS ENGLISH REQUIREMENT
This year long course is designed for seniors interested in studying more of Shakespeare's writing than other courses allow. Students will focus on Shakespeare's plays and poetry. Students will gain knowledge of the history, culture, and language of the time period.

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

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
Prerequisite: None
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: None
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

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

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

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.

Course Length: 1 Year
Prerequisite: Audition or instructor approval
Grade Level: 9, 10, 11, 12
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, Open Enrollment  
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
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: 0.50 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: 0.50 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
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: 0.50 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: 0.50 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 “A” 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: 0.50 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: 0.50 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
- Prerequisite: None
- Grade Level: 9, 10, 11, 12
- Credits: 1
- Fees: Refer to fee schedule
- 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
- Prerequisite: Audition or instructor approval
- Grade Level: 9, 10, 11, 12
- Credits: 1
- Fees: Refer to fee schedule
- Location: HHS, WFHS
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  
Prerequisite: Audition or instructor approval  
Grade Level: 10, 11, 12  
Credits: 1  
Fees: Refer to fee schedule  
Location: HHS, WFHS

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  
Prerequisite: Audition or instructor approval  
Grade Level: 11, 12  
Credits: 1  
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: Drawing/Painting or 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 DR101/DR102
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
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment
Location: HHS, WFHS

PAINTING DR103/DR104
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: Drawing or instructor approval
Grade Level: 9, 10, 11, 12
Credits: 1
Fees: Refer to fee schedule / Tuition if taken for Dual Enrollment
Location: HHS, WFHS

MATHEMATICS

ALGEBRA I MA101/MA102
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, HLC

GEOMETRY MA201/MA202
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, HLC
HONORS GEOMETRY MA201WA/MA202WB
MEETS MATH REQUIREMENT
This is an accelerated 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. A graphing calculator is recommended for this course. This course can be taken concurrently with Algebra I.

- Course Length: 1 year
- Prerequisite: Algebra I w/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 Weighted
- Fees: None
- Location: HHS, WFHS, HLC

HONORS ALGEBRA II MA303WA/MA304WB
MEETS MATH REQUIREMENT
This is an accelerated 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 or Geometry w/teacher recommendation
- Grade Level: 9, 10
- 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  
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 2 and adds new concepts. Topics will include during semester 1: functions, systems, and an introduction to sequences and series. Semester 2 topics will include: 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  
Grade Level: 11, 12  
Location: HHS, WFHS

HONORS PRE-CALCULUS MA405WA/MA406WB
MEETS MATH REQUIREMENT
This course is for students that plan to pursue a college degree in science, technology, engineering, or mathematics. 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 w/teacher recommendation, Honors Algebra II  
Grade Level: 10, 11  
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: Honors Alg II and PreCalc or Honors PreCalc  
Grade Level: 11, 12  
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 PreCalculus required). Only students planning to take the Advanced Placement Exam should take this course.

- Course Length: 1 year
- Prerequisite: Honors Pre-Calculus
- Grade Level: 11, 12
- Credits: 1 Weighted
- Fees: AP Exam / Tuition if taken for Dual Enrollment
- Location: HHS, WFHS

**AP CALCULUS AB/BC MA409WA/MA410WB**
MEETS MATH REQUIREMENT
This course is equivalent to a full year calculus class at a university and prepares students to sit for the AP Calculus BC examination where two semesters of college credit in calculus may be earned. Topics emphasized 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 PreCalculus required). Only students planning to take the Advanced Placement Exam should take this course.

- Course Length: 1 year
- Prerequisite: Honors Pre-Calculus
- Grade Level: 11, 12
- Credits: 1 Weighted
- 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 SENIOR level 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: 3 years of HS Math
- Grade Level: 12
- Credits: 1
- Fees: Tuition if taken for Dual Enrollment
- Location: HHS, WFHS
MULTIVARIABLE CALCULUS AND DIFFERENTIAL EQUATIONS MA415WA/MA416WB
MEETS MATH REQUIREMENT
This course will be taught to juniors and seniors who completed AP Calculus BC their sophomore or junior year. 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 MAT 261 for dual enrollment. (Accuplacer test required).

Course Length: 1 year  Credits: 1 Weighted
Prerequisite: AP Calculus BC  Fees: Tuition if taken for Dual Enrollment
Grade Level: 12  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 or Algebra II 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 or Algebra II. 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  Credits: 1
Prerequisite: None  Fees: None
Grade Level: 9, 10, 11, 12  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  Credits: 1
Prerequisite: None  Fees: None
Grade Level: 9, 10, 11, 12  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  Credits: 1
Prerequisite: Physical Education I  Fees: None
Grade Level: 10, 11, 12  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          Credits: 1
Prerequisite: Physical Education I, Fitness, or Freshmen Weights  Fees: None
Grade Level: 10, 11, 12 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          Credits: 1
Prerequisite: Weights I Fees: None
Grade Level: 10, 11, 12 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          Credits: 1
Prerequisite: None Fees: None
Grade Level: 10, 11, 12(Freshman Academies- WFHS) 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          Credits: 1
Prerequisite: None Fees: None
Grade Level: 9, 10, 11, 12 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. May be repeated for elective credit.

Course Length: 1 year          Credits: 1
Prerequisite: None Fees: None
Grade Level: 9 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.  

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<thead>
<tr>
<th>Course Length: 1 semester</th>
<th>Credits: 0.5</th>
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<tr>
<td>Prerequisite: None</td>
<td>Fees: None</td>
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<td>Grade Level: 9, 10, 11, 12</td>
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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.  

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<tr>
<td>Prerequisite: None</td>
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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.  

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<tr>
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<td>Grade Level: 9, 10, 11</td>
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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.  

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<tr>
<th>Course Length: 1 year</th>
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<tr>
<td>Prerequisite: Algebra I</td>
<td>Fees: None</td>
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<tr>
<td>Grade Level: 10, 11</td>
<td>Location: HHS, WFHS</td>
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</table>
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.

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<tr>
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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.

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<tr>
<td>Prerequisite: None</td>
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<td>Grade Level: 11, 12</td>
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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.

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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.

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<tr>
<td>Prerequisite: None</td>
<td>Fees: None</td>
</tr>
<tr>
<td>Grade Level: 9, 10</td>
<td>Location: HHS, WFHS</td>
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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.

<table>
<thead>
<tr>
<th>Course Length: 1 year</th>
<th>Credits: 1 Weighted</th>
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<tbody>
<tr>
<td>Prerequisite: None</td>
<td>Fees: AP Exam</td>
</tr>
<tr>
<td>Grade Level: 11, 12</td>
<td>Location: HHS, WFHS</td>
</tr>
</tbody>
</table>
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
Prerequisite: Algebra II
Grade Level: 11, 12
Credits: 1
Fees: None
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
Prerequisite: Algebra II
Grade Level: 11, 12
Credits: 1 Weighted
Fees: AP Exam
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
Prerequisite: AP Physics 1
Grade Level: 12
Credits: 1 Weighted
Fees: AP Exam / Tuition if taken for Dual Enrollment
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 is used throughout the course.

Course Length: 1 year
Prerequisite: Algebra II, concurrent enrollment in Pre-Calculus
Grade Level: 11, 12
Credits: 1 Weighted
Fees: AP Exam
Location: HHS, WFHS

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.

Course Length: 1 year
Prerequisite: AP Physics C Mechanics and Co-requisite Calculus AB
Grade Level: 11, 12
Credits: 1 Weighted
Fees: AP Exam
Location: HHS, WFHS
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.

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

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.

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

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.

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

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.

Course Length: 1 year
Prerequisite: Biology and Chemistry
Grade Level: 11, 12
Credits: 1 Weighted
Fees: Tuition if taken for Dual Enrollment
Location: HHS, WFHS
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.

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

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  Credits: 1 Weighted
Prerequisite: None  Fees: AP Exam
Grade Level: 10  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  Credits: 1
Prerequisite: World History and Geography  Fees: None
Grade Level: 11  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

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
- Prerequisite: American/AZ History
- Grade Level: 12
- Credits: 0.50
- Fees: None
- 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)
- Prerequisite: American/AZ History
- Grade Level: 12
- Credits: 0.50 Weighted
- Fees: None
- 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
- Prerequisite: American/AZ History
- Grade Level: 12
- Credits: 0.50 Weighted
- Fees: AP Exam
- Location: HHS, WFHS
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. Emphasis is placed on the economic skills necessary for real life applications.

Course Length: 1 semester  
Prerequisite: American/AZ History  
Grade Level: 12
Credits: 0.50  
Fees: None  
Location: HHS, WFHS

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.

Course Length: 1 semester  
Prerequisite: American/AZ History  
Grade Level: 12
Credits: 0.50 Weighted  
Fees: AP Exam  
Location: HHS, WFHS

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: 0.50  
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: 0.50
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
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
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
- 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
- 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
- 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
- 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  Credits: 1 Weighted  
Prerequisite: 4 Mandarin credits  Fees: AP Exam / Tuition if taken for Dual Enrollment  
Grade Level: 10, 11, 12  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  Credits: 1  
Prerequisite: None  Fees: None  
Grade Level: 9, 10, 11, 12  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  Credits: 1  
Prerequisite: 1 Spanish credit  Fees: None  
Grade Level: 9, 10, 11, 12  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  Credits: 1 Weighted  
Prerequisite: 2 Spanish credits  Fees: Tuition if taken for Dual Enrollment  
Grade Level: 10, 11, 12  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
- **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
- **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
- **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:** 0.50 per semester
- **Fees:** None
- **Location:** HHS, WFHS
**AP Capstone: AP Seminar**
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 11 or higher, AP Seminar
- **Grade Level:** 11, 12
- **Credits:** 1 elective credit
- **Fees:** none
- **Location:** HHS, WFHS

**AP Capstone: AP Research (for 2020-2021 school year)**
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:** 12
- **Credits:** 1 elective credit
- **Fees:** Oral Presentation/ Written Paper Fee
- **Location:** HHS, WFHS

**AVID AV101A/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

PRINCIPALS 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: 0.50  
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: 0.50  
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: 0.50 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.

<table>
<thead>
<tr>
<th>Course Length: 1 year</th>
<th>Credits: No Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Administrator approval</td>
<td>Fees: None</td>
</tr>
<tr>
<td>Grade Level: 12</td>
<td>Location: HHS, WFHS</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Course Length: 1 year</th>
<th>Credits: No Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Administrator approval</td>
<td>Fees: None</td>
</tr>
<tr>
<td>Grade Level: 9, 10, 11, 12</td>
<td>Location: HHS, WFHS</td>
</tr>
</tbody>
</table>
### English Language Arts Pathways

<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>
</tr>
<tr>
<td>9th Grade</td>
<td>English 9</td>
</tr>
<tr>
<td>10th Grade</td>
<td>English 10</td>
</tr>
<tr>
<td>11th Grade</td>
<td>English 11</td>
</tr>
<tr>
<td>12th Grade</td>
<td>English 12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>English Language Arts</th>
<th>Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th Grade</td>
<td>(placement Test required)</td>
</tr>
<tr>
<td>7th Grade</td>
<td>Honors 7</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Honors 8</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Honors 9</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Honors 10</td>
</tr>
<tr>
<td>11th Grade</td>
<td>AP Language Composition</td>
</tr>
<tr>
<td>12th Grade</td>
<td>AP Literature &amp; Composition</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>English Language Arts</th>
<th>Highly Rigorous (HPAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th Grade</td>
<td>HPAL Elementary</td>
</tr>
<tr>
<td>7th Grade</td>
<td>ELASS 7</td>
</tr>
<tr>
<td>8th Grade</td>
<td>ELASS 8</td>
</tr>
<tr>
<td>9th Grade</td>
<td>AP Blend (Honors 9/10 &amp; AP World History)</td>
</tr>
<tr>
<td>10th Grade</td>
<td>AP Language &amp; Composition</td>
</tr>
<tr>
<td>11th Grade</td>
<td>AP Literature &amp; Composition</td>
</tr>
<tr>
<td>12th Grade</td>
<td>Senior Choice (in development for Class 2012)</td>
</tr>
</tbody>
</table>
# Mathematics Pathways

<table>
<thead>
<tr>
<th>Mathematics Pathway</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<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 1</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Geometry</td>
</tr>
<tr>
<td>11th Grade</td>
<td>Algebra 2</td>
</tr>
<tr>
<td>12th Grade</td>
<td>Pre-Calculus or College Mathematics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics Pathway</th>
<th>Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th Grade</td>
<td>Accelerated Math 7</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Algebra 1</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Honors Geometry</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Honors Algebra 2</td>
</tr>
<tr>
<td>11th Grade</td>
<td>Honors Pre-Calculus</td>
</tr>
<tr>
<td>12th Grade</td>
<td>Pre-Calculus or 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 1</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Honors Geometry</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Honors Algebra 2</td>
</tr>
<tr>
<td>10th Grade</td>
<td>Honors Pre-Calculus</td>
</tr>
<tr>
<td>11th Grade</td>
<td>AP Calculus AB</td>
</tr>
<tr>
<td>12th Grade</td>
<td>AP Stats</td>
</tr>
<tr>
<td>Science Pathway</td>
<td>Standard</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------</td>
</tr>
<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>Anatomy and Physiology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science Pathway</th>
<th>Rigorous</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th Grade</td>
<td>General Science 7</td>
</tr>
<tr>
<td>(adding Advanced Science 7 w adoption of new standards in 2019)</td>
<td></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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science Pathway</th>
<th>Highly Rigorous (HPAL) at SMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th Grade</td>
<td>Conceptual Physics (Alg I)</td>
</tr>
<tr>
<td>8th Grade</td>
<td>Intro to Biology (not for HS credit)</td>
</tr>
<tr>
<td>9th Grade</td>
<td>Honors Chemistry (Honors Alg II)</td>
</tr>
<tr>
<td>10th Grade</td>
<td>AP Biology</td>
</tr>
<tr>
<td>11th/12th Grade</td>
<td>AP Chemistry</td>
</tr>
</tbody>
</table>
## Social Studies Pathways

<table>
<thead>
<tr>
<th>Social Studies Pathway</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<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 Blend (Honors 9/10 &amp; AP World History)</td>
</tr>
<tr>
<td>10th Grade</td>
<td>AP United States History</td>
</tr>
<tr>
<td>11th Grade</td>
<td>AP Macroeconomics/ AP Government</td>
</tr>
<tr>
<td>12th Grade</td>
<td>AP Capstone</td>
</tr>
<tr>
<td>COURSE OR ITEM</td>
<td>DESCRIPTION AND/OR FEE ASSESSED</td>
</tr>
<tr>
<td>----------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>ROTC</td>
<td>$50.00</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>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, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Band Auxiliary Corp/Winter Guard (Spring Semester)</td>
<td>$50.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Marching Band (fall semester)</td>
<td>$50.00, 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>Theater Arts I</td>
<td>$50.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Theater Arts II</td>
<td>$50.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Theater Arts III</td>
<td>$50.00, additional fees required for extracurricular activities.</td>
</tr>
<tr>
<td>Advanced Theater</td>
<td>$50.00, additional fees required for extracurricular activities.</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>AP Studio Art (dual enrollment optional)</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>Drawing (dual enrollment optional)</td>
<td>$50.00</td>
</tr>
<tr>
<td>Painting (dual enrollment optional)</td>
<td>$50.00</td>
</tr>
<tr>
<td>AP Class fee</td>
<td>$10.00 Non – Refundable</td>
</tr>
<tr>
<td>Instrument Rental Fee for Band and Orchestra</td>
<td>$75.00</td>
</tr>
</tbody>
</table>
### 2019 - 2020 BOARD APPROVED FEE SCHEDULE

<table>
<thead>
<tr>
<th>COURSE OR ITEM</th>
<th>DESCRIPTION AND/OR FEE ASSESSED</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXTRACURRICULAR ACTIVITIES (ECA)</strong></td>
<td></td>
</tr>
<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, SKILLS USA</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>
<tr>
<td><strong>GENERAL FEES</strong></td>
<td></td>
</tr>
<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 located below.

| Maricopa Community College 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 & EN 204B
(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 & EN 306B
(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
Mathematics

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 MA 201A & MA 202B  
(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 Sines 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 MA 303A & MA 304B  
(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 MA 401 & MA 402  
Exploring the relationship between advanced algebra topics and trigonometry, PreCalculus 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 IS 301A & IS 302B
(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 SC 313 & 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.  
1 Credit  
Prerequisite: None

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 SS 401A
(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
(Also listed in HS Course Guide)
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 IS 301 & IS 302
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
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
3D Art I – Modeling IS301
The 3D Art I – Modeling design course focus 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. Students learn 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

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

Technology Electives
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 10 East Valley school districts - Apache Junction, Chandler, Fountain Hills, Gilbert, Mesa, Queen Creek, Scottsdale, Tempe, Higley 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 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: Health Occupation Student Association
- C-CAP: Careers in Culinary Arts Program
- ERA: Educators Rising Arizona
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 or EVIT counseling offices 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.

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) also 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.


<table>
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<tr>
<th>Course Code</th>
<th>Program Name</th>
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*These are second-year courses. Please see pre-requisites.
Special Projects: IEP/504 Accommodations Coordinator & Services
EVIT Counseling and Admissions

Registrar-Andrea Macias
Main Campus: 480-461-4108 amacias@evit.com
High School & Adult: Course Scheduling, Grades, Transcripts, Data Collection & Management, Bi-Lingual Services

High School Counselor-James Martinez
Main Campus: 480-461-4159 jmartinez@evit.com
Special Projects: Credit Recovery, High School Scholarships

High School Counselor-Jacob Hansen
Main Campus: 480-461-4161 jhansen@evit.com
Special Projects: McKinney-Vento, Keys, High School Recruitment

High School Counselor-David Pullman
East Campus: 480-308-4607 dpullman@evit.com
Special Projects: Dual Enrollment, High School Scholarships

High School Career Coach-Cassi Perez
Main & East Campus: 480-461-4162 cperez@evit.com
Specialized Schools: Tempe, McClintock, Marcos, Corona, Desert Vista, Mountain Pointe, Dobson, Mesquite, Chandler, Hamilton, Basha, Perry, Campo Verde, Williams Field, Higley, Casteel and Charter Schools

High School Career Coach-Molly Severson
Main & East Campus: 480-461-4086 mseverson@evit.com
Specialized Schools: Fountain Hills, Desert Mountain, Chaparral, Saguaro, Coronado, Arcadia, Apache Junction, Westwood, Mesa, Mountain View, Red Mountain, Skyline, J.O Combs, Desert Ridge, Highland, Gilbert, Queen Creek and Charter Schools

STEPS - Special Education & IEP/S04 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/S04 Accommodations Coordinator & Services
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 though 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, 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)
   - Unofficial transcript
   - AZ Merit or other standardized test scores (If GPA is below program minimum)
   - Attendance record
   - Discipline record
   - 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 Counseling & 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 7:00 a.m. to 5:30 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 an EVIT Counselor. Upon review, if the student meets the criteria for their program of choice, and is approved by an EVIT Counselor, 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. Students must also contact EVIT if they submit an application Online or via Fax. Phone calls to 480-461-4108 or 4110 will ensure a timely response. Be advised: applications should not be e-mailed directly to any EVIT personnel.

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.
Students in this course will be introduced to the computer-networking field and the field of cyber security. Instructors cover network/cyber terminology and protocols, communication fundamentals in data networks/security and Internet security. Students study the Open Systems Interconnection (OSI) model, using a top-down approach, cabling and cabling tools, basic Cisco router, configuration, Ethernet technologies, Internet Protocol (IP) addressing and an overview of Internet Protocol version 6 (IPv6), basic configuring and testing of the network, standards and network penetration. The course prepares students for the Cisco Certified Entry Level (CCENT) examination as well as a cyber-security fundamentals certification. Cyber Security students also learn the skills needed to pass the Certified Ethical Hacker (CEH), which ensures that candidates will apply knowledge of security concepts, tools and procedures to react to security incidents; it ensures that security personnel are anticipating security risks and guarding against them.

Please note: Dual enrollment for college credits is available and an articulation agreement for 12 credits with UAT.

Prerequisites:
- At least 6 high school credits, including at least 1 Math and 1 English credit: both ‘C’ or better
- 2.0 GPA or equivalent standardized test scores

This program will prepare students interested in pursuing a career in computer programing or mobile application design. Students are challenged to develop computer programs in multiple formats for use in the robotics industry, computer information systems, mobile application design and business organizations. They will also learn the skills necessary to communicate clearly, collaborate with peers, solve logistical problems and present findings. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design computer and mobile application programs using multiple platforms based on computer science principles. Students can complete the program with a java script certificate as well as a variety of other certificates.

Please note: Dual enrollment for college credits is available.

Prerequisites:
- At least 6 high school credits, including 1 Science credit: ‘B’ 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

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. Students learn to maintain motherboards, processors and memory. They develop troubleshooting and basic networking skills. Students also learn how to repair devices such as iPads, 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.

Prerequisites:
- At least 6 high school credits, including 1 Math and 1 English credit: both ‘C’ or better
- 2.0 GPA or equivalent standardized test scores
Future Engineers 2 semesters

This program will prepare students interested in pursuing an engineering related field. Students will be challenged to develop solutions to current engineering problems in environment and biomedical fields, develop skills in mechanical and electrical engineering and robotics technology. They will also learn the skills necessary to communicate clearly, cooperate within teams, solve mathematical, scientific and logistical problems and present findings. This program will introduce students to environmental challenges, biomedical uses of engineering, the use of mechanical and electrical engineering and how robotics will change the world in the future. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning.

Prerequisites: At least 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 2.5 GPA or equivalent standardized test scores

Recommended: EVIT’s Introduction to Information Technology and Engineering Careers (iTEC) course or equivalent education/experience

Human Anatomy and Physiology 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.

Prerequisites:
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

Dental Careers 2 semesters

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.

Please note: Students may be randomly drug tested.

Prerequisites:
Seniors 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
No criminal record
2.0 GPA or equivalent standardized test scores
MC55 & 56  
Emergency Medical Technician  
2 semesters

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. 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 may be randomly drug tested.

Prerequisites:  
Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better  
1 Algebra credit and 1 English credit: ‘C’ or better  
No criminal record; 2.5 GPA or equivalent standardized test scores

MC77 & 78  
Home Health Aide  
2 semesters

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 housecleaning or laundry.

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.

Prerequisites:  
Seniors who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology.  
2.0 GPA or equivalent standardized test scores

MA05 & 06  
Massage Therapy  
2 or 4 semesters

Study Western and Eastern massage modalities, including Swedish, Sports, Chair, Hot Stone and Reflexology. Coursework also includes anatomy and physiology, pathology, hygiene, ethics and business practices. Students prepare for their state certification by completing 700 hours of hands-on training in the public clinic on campus and at community events. 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. Please state which option the student is choosing on the application.

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

Prerequisites:  
2 English credits and Biology or MC10: ‘C’ or better  
No criminal record  
2.0 GPA or equivalent standardized test scores
MC20 Medical Assistant 2 semesters

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 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. Please state which option the student is choosing on the application.

Please note: Students may be randomly drug tested.

Prerequisites:
2 Math credits and 2 English credits: all ‘C’ or better
No criminal record
Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores

MC30 & 31 Nursing Assistant 2 semesters

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. 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.
Certification and licensure available through the Arizona State Board of Nursing. Students are required to have proof of legal presence in the U.S. in order to test for or renew certification or licensure. All testing will be conducted on-site at EVIT. For more information on the Arizona State Board of Nursing licensure requirements, visit www.azbn.gov.

Please note: Students will be randomly drug tested.

Prerequisites: Seniors 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
No criminal record
2.5 GPA or equivalent standardized test scores

MC43 & 63 Pharmacy Technician 2 semesters

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 may be randomly drug tested.**

**Prerequisites:**
- Seniors 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

### MC45 & 46  
**Physical Therapy Technician**  
2 semesters

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 may be randomly drug tested.**

**Prerequisites:**
- Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Anatomy & Physiology: ‘C’ or better
- 1 Math and 1 English credit: both ‘C’ or better
- 2.5 GPA or equivalent standardized test scores

### MC44 & 64  
**Veterinary Assistant**  
2 semesters

Prepare for a career in the veterinary field while learning the skills that will allow you to work with all creatures, large and small. Integrate your love for animals with medical knowledge such as taking radiographs, venipuncture, administering medications and vaccines, animal restraint, surgical preparation and surgical assisting, animal dentistry, laboratory procedures and general exams. During the first semester, students concentrate on classroom learning, hands-on skills and job shadowing. Second semester, students improve upon their skills through job shadowing and/or internships at local shelters, small and large animal practices and wildlife facilities. Students will be exposed to a variety of well and sick animals. Student must provide own transportation to job shadowing and/or internship sites. Flexible hours may be required depending upon clinical availability.

**Please note: This class is only offered at the EVIT East Campus. Students may be randomly drug tested.**

**Prerequisites:**
- Seniors only who have taken EVIT’s MC10: ‘C’ or better
- Students who have taken Biology with a ‘C’ or better,
- 1 Math and 1 English: both ‘C’ or better
- 2.0 GPA or equivalent standardized test scores

### MC65 & 66  
**Behavior, Mental & Social Health Services**  
2 semesters

Prepare for a career in behavioral and/or social health as a behavioral or mental health technician. The certification can lead to job opportunities as a case manager, parent aide, family advocate, respite worker or paraprofessional counselor. Certified mental health technicians may work as part of a team to care for emotionally disturbed or mentally ill patients. There are job opportunities in public and private hospitals, nursing homes and residential mental health facilities. Duties may include coordinating mental health services, patient interviews, treatment documentation as well as helping patients with their personal
needs. This two-semester program will provide foundations in care delivery systems, legal/safety requirements, introduction to basic mental and social illnesses, disorders and conditions as well as strategies and information about resources used to improve mental and social health.

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

**Prerequisites:**
At least 6 high school credits, including 1 Math and 1 English credit
2.0 GPA or equivalent standardized test scores

**MC57 & 58**  
**Occupational Therapy Aide**  
2 semesters

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 and occupational therapist, occupational therapy assistance and occupational therapy Aide. Students will experience hands on learning of job skills needed to gain employment as an occupational therapy aide, rehabilitation provider. Qualified students will participate in clinical experiences to gain valuable on the job experiences. Students must provide transportation to clinical experiences.

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

**Prerequisites:**
At least 6 high school credits including 1 English credit, pre-Algebra and Biology. EVIT’s MC10: ‘C’ or better or Anatomy & Physiology and Medical Terminology. 2.0 GPA or equivalent standardized test scores

**HUMAN SERVICES**

**CS14 & 24**  
**Aesthetics**  
2 semesters  
(600 clock hours)

Specialize in the science of skin care and makeup application. Learn techniques for exfoliation, skin analysis, deep pore cleansing, specialized treatments, facials and waxing. Prepare to take the Arizona State Board of Cosmetology exam for Aestheticians after completing this 600 hour program.

**Please note:** Students attend class four hours each day and may be required to provide their own transportation.

**Prerequisites:**
At least 10 high school credits, including 2 English credits
2.0 GPA or equivalent standardized test scores

**CU20 & 25**  
**Commercial Baking and Pastry Arts**  
2-4 Semesters

Learn the tools-of-the-trade and professionalism necessary to gain employment as a baker, pastry chef or business owner. Baking instruction focuses on making cookies, cakes, chocolate confections, tarts, breads and plated desserts. The class also advances to cake decorating, pastries, plate painting, individual desserts and wedding cakes. Students manage an on-site retail bakery and pastry shop to learn what it’s like working in the industry and with the public. EVIT’s Commercial Baking and Pastry Arts program is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation.

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

**Prerequisites:**  At least 6 high school credits, including 1 Math credit
Imagine having a fun, high-paying job that lets you use your creativity to make people look good! Skills learned in cosmetology focus on the care of hair, skin and nails. Technical training includes the theory of chemicals and hair coloring, cutting, client safety, hygiene and customer relations. Second-year students provide services to the public in a working salon on the EVIT campus. After completing the 1,600-hour course, students are prepared to take the Arizona State Board of Cosmetology licensing exam. 

Please note: Students attend class four hours each day and may be required to provide their own transportation. 

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

Students in this course will learn fundamentals of barbering; sterilization, sanitation and safety; massage and skin care; perm weaving and chemical relaxing; shampoo and scalp treatment; hair tinting, cutting and styling; and shaving, honing and stropping. The course includes 1,500 hours of instruction in theory and practical skills required for licensure by the Arizona State Board of Barbers. Theory and practical precede lab activities, and students must complete 250 hours in the first year classroom and pass a final that demonstrates competence in theory and practical skills before being allowed to participate in lab activities. 

Please note: Students attend class four hours each day and may be required to provide their own transportation. 

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

Explore your passion for cooking while developing skills in all facets of the food service and hospitality industries. Training is provided in culinary arts (a la carte & quantity cooking), commercial baking and dining room operations. Students gain hands-on experience working special functions, breakfasts, luncheons and dinners in the culinary banquet hall. Students also have the opportunity to participate in culinary competitions and work with many of the top chefs and restaurants in the valley. EVIT’s Culinary Arts program is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation. 

Please note: Dual enrollment for college credits is available. 

Prerequisites: 
At least 6 high school credits, including 1 Math credit 
2.0 GPA or equivalent standardized test scores

Recommended: Foods I and/or Foods II or work experience in the field
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.

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

**HM10 & 20  Hospitality Management  2 semesters**

Students will learn the principles of operations in the travel and tourism industries, hotel and lodging facilities, food services, recreation, and hospitality planning and business operations. Emphasis is placed on critical thinking, practical problem solving and entrepreneurship opportunities within the field of hospitality. Core academic application of math, science and language arts are emphasized as appropriate in the hospitality industry.

**Prerequisites:** At least 6 high school credits, including 1 Math credit
Foods I and/or Foods II, work experience in the field or teacher approval
2.0 GPA or equivalent standardized test scores

**CC10 & 20  Early Childhood Education  2-4 semesters**

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. First-year students focus on early childhood philosophy, childhood development, career opportunities and current issues in safety, health, nutrition and curriculum development. They also gain experience with classroom management and discipline techniques. During the second year, students select an internship program and research professional opportunities. This self-paced, performance-based program allows for advancement that meets individual academic needs. Qualified students have the opportunity to earn their Child Development Associate national certification upon completion of this program and the necessary requirements.

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

**Prerequisites:** 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 August)**

No criminal record (Arizona State Law requires students to sign a criminal history verification form)
Fashion Design and Merchandising  
2-4 semesters

This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Learn about the elements and principles of design, fabrics and textiles, the use of color and texture, retail theory, visual merchandising, sewing and pattern making. Transform these skills into wearable garments, elaborate sets and window displays and participate in various EVIT events such as the annual Spring Fashion Show. Qualified students also have the opportunity to participate in job shadowing or internships during their second year of the program.  

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

FIT12 & 14  
Interior Design and Merchandising  
2-4 semesters

This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories within the interior design industry. Learn about the elements and principles of design, interior fabrics and textiles, the use of color and texture, retail merchandising, visual merchandising, floor space planning, rendering and Chief Architect rendering. Transform these skills into becoming an interior design apprentice, creating elaborate sets and window displays, presentation boards and participate in various EVIT events and design shows. Qualified students also have the opportunity to participate in job shadowing or internships during their second year of the program or compete in the FCCLA interior design competition during FCCLA Spring Conference. Please note: Dual enrollment for college credits is available.
Prerequisites: 
- At least 6 high school credits, including 1 Math credit and 1 English credit
- 2.0 GPA or equivalent standardized test scores

INDUSTRIAL & COMMERCIAL TECHNOLOGIES

CT10, 20 & 25  
Construction  
2-4 Semesters

Learn to build a structure from the ground up! Develop hands-on skills in various disciplines of commercial and residential construction including electrical wiring, plumbing, masonry, framing, roofing, drywall and finish work. Students also gain an understanding of safety, the use of hand and power tools, blueprint reading, and estimating and construction operations. Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.
Prerequisites: At least 6 high school credits, including 1 Math credit
- 2.0 GPA or equivalent standardized test scores
AC10, 20  Heating, Ventilation and Air Conditioning (HVAC)  2-4 Semesters

The U.S. Bureau of Labor expects the nationwide demand for trained HVAC specialists to continue to grow due to advances in technology and an aging workforce. Learn the skills required to install, service and repair air conditioning, refrigeration and heating equipment in commercial and residential settings. Students in this program gain knowledge in electrical maintenance, wiring, appliance repair, installation of light and power equipment and repair of electronic controls and circuits. Internship and job shadowing opportunities are available.

Prerequisites: 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

MT10, 20 & 30  Machining Technology  2-4 semesters

The tooling and machining industry is the basis for all manufacturing and well-suited for people who like to work with their heads as well as their hands. Learn the set-up and operation of modern, manual and computerized tools used by machinists, die and mold makers and skilled professionals in the manufacturing industry. Develop leadership, management, quality control, business and customer relations skills while working towards national certifications. Students may have the opportunity to cross-train with other EVIT programs and participate in internships.

Prerequisites: At least 6 high school credits, including 1 Math credit
2.0 GPA or equivalent standardized test scores

PLM10 & 20  Plumbing  2-4 semesters

The U.S. Bureau of Labor expects the nationwide demand for trained plumbing specialists to continue to grow due to an aging workforce and advances in technology. Plumbers protect the health of nations. The expert training you will receive will prepare you for a new career as a highly paid skilled technician. Students will study customer communication skills, water distribution systems, drainage waste and vent systems, plumbing fixtures, potable water quality, water heating concepts and plumbing fixture installation.

Prerequisites: 1 Math and 1 English credit: both ‘C’ or better
2.0 GPA or equivalent standardized test scores

WD10 & 20  Welding  2-4 semesters

Get fired up about a career in welding while working with a variety of materials such as mild steel, aluminum and stainless steel. Learn metal fabrication and entry level welding techniques to build or repair structures or products. Work on school and customer-related projects using OXY/FUEL cutting, PLASMA cutting, SMAW, GMAW and GTAW welding. This program has an outstanding job placement rate and offers paid internships for qualified students. Students have the opportunity to become members of the American Welding Society and test for industry certification.

Prerequisites: At least 6 high school credits, including 1 Math credit: ‘C’ or better
## Multimedia

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<th>Course Code</th>
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<th>Duration</th>
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<tr>
<td>DA10 &amp; 20</td>
<td>3D Animation</td>
<td>2-4 semesters</td>
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Bring creative ideas to life by combining artistic skills and design techniques to develop 3D animation, modeling and gaming projects. Develop skills in storyboarding, character development, modeling, lighting and drawing using industry-specific software such as 3ds, Max, Maya and game engine. Second-year students specialize in video game design or animation, work with outside clients and participate in internships or externships to build strong industry resumes and credentials. **Please note: Dual enrollment for college credits is available.**

**Prerequisites:** At least 6 high school credits, including 1 Math and 1 English credit

2.0 GPA or equivalent standardized test scores

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<tr>
<td>MM30 &amp; 35</td>
<td>Graphic/Web Design</td>
<td>2 semesters</td>
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This program will prepare students interested in pursuing a career in graphic and/or web design through multimedia related fields. Students will be challenged to learn the principles of graphic design, line, shape, pattern, form and color theory. Typography along with digital Pre-Press and Copyright laws will be taught to ensure student success. Students will use Adobe Illustrator, Photoshop and InDesign to manipulate images in unique and creative formats to develop commercial art-related specification sheets (or specs.) for assignments, social media applications and client-based projects. Students work individually and in teams to create real-world projects, build digital portfolios and create portfolios and resumes. Students may also choose to learn the ins and outs of digital printing in EVIT’s Digital Print Shop. **Prerequisites:** EVIT’s Introduction to Multimedia course or equivalent course or experience

At least 6 high school credits, including 1 Science, 1 Algebra and 1 English credit: all ‘C’ or better

2.0 GPA or equivalent standardized test score

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<tr>
<td>RB10 &amp; 20</td>
<td>Radio/Audio Production</td>
<td>2-4 semesters</td>
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EVIT’s Radio/Audio Production program is home to KVIT, 88.7 FM The Pulse, a fully functioning non-commercial radio station, run by students. KVIT features long and short form student-produced programming and commercial-free music. The students also work on the station website, develop apps, apply social media and assist with market research. The radio station is the center of the Radio/Audio Production program. Depending on their interest, students learn audio production, on-air performance, programming, copy writing, promotions and marketing, broadcast engineering, interview techniques and much more as they run KVIT. Students now have the option to focus on sports broadcasting. EVIT’s 88.7FM, The Pulse, is an official radio station broadcaster of AIA high school sports. **Prerequisites:** At least 6 high school credits, including 1 English credit: ‘C’ or better

2.0 GPA or equivalent standardized test scores

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<tr>
<td>TV10 &amp; 20</td>
<td>Video Production</td>
<td>2-4 semesters</td>
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Show off your creativity and explore the exciting process of video production in one of the largest green screen and production studios in Arizona. Learn all aspects of visual media productions, including filmmaking, event production, news, corporate event production, commercials, public service announcements (PSAs) and documentaries while using high-definition cameras. Students are also trained in animation, interactive video and web video production. Work with clients to produce various projects in a fully-equipped studio and audio bay while developing skills in editing, lighting, audio production and music creation. **Please note: Dual enrollment for college credits is available.**

**Prerequisites:** At least 6 high school credits, including 1 English credit: ‘C’ or better and 1 Math credit: ‘C’ or better 2.0 GPA or equivalent standardized test scores
**FF10 & 20**  
**Fire Science**  
2-4 Semesters

Prepare for employment in the fire service and learn how to protect, educate and serve the public. Gain experience through various hands-on training skills, including live fire training, search and rescue, high rise tower drills and operation of fire apparatus and equipment. The first year provides an overview of basic fire science fundamentals and the EMT program. Second-year students gain experience through physical training, team activities and demonstrations by local, state and federal agencies. Students who complete the program have the opportunity to earn a Wildland Fire Fighter Certification.  
**Please note: Dual enrollment for college credits is available.**  
**Prerequisites:** At least 6 high school credits, including 1 Algebra credit and 1 English credit: both ‘C’ or better. **No criminal record.** Biology and/or Chemistry (may be taken concurrently)  
2.5 GPA or equivalent standardized test scores

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**LE10 & 20**  
**Criminal Justice**  
2-4 Semesters

Prepare for a career in the within Criminal Justice System. Training includes basic 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 credits is available.**  
**Prerequisites:** 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

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**Am10 & 20**  
**Automotive Technologies**  
2-4 Semesters

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 auto repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model automobiles and participate in work-based internship and job shadowing.  
**Please note: Dual enrollment for college credits is available.**  
**Prerequisites:** At least 6 high school credits, including 1 English credit and Pre-Algebra: ‘C’ or better  
2.0 GPA or equivalent standardized test scores

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**AV05 & 10**  
**Aviation**  
2-4 Semesters

Explore the exciting world of aviation through classroom experiences and hands-on lab work. Learn about the history of aviation, job opportunities and “hands-on” skill sets require for careers in areas such as air transportation operations, air traffic control, airframe and power-plant maintenance, professional pilot, airport management and unmanned aircraft systems (UAS) operations. Please note: This class is only offered at the EVIT East Campus. Dual enrollment for college credits is available.  
**Prerequisites:** At least 6 high school credits, including Pre-Algebra  
2.5 GPA or equivalent standardized test scores

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**AB10, 20 & 30**  
**Collision Repair**  
2-4 semesters
Learn the collision repair business from A-Z, including damage diagnosis (estimating), non-structural metal repair, structural repair, including set-up and measuring on frame equipment, paint preparation and refinishing techniques with paint mixing, paint matching and blending procedures. Finish procedures will familiarize you with color sanding and buffing as well as detailing. This is Arizona’s first National Automotive Technicians Education Foundation (NATEF) certified collision program. Students earn I-CAR credit hours as well as the opportunity to secure ASE (Automotive Service Excellence) certifications. Prepare for entry level jobs ranging from body or paint technician, parts procurement, production manager, insurance estimator or adjuster, paint or tool rep or salesperson and many more.

**Prerequisites:** At least 6 high school credits, including Pre-Algebra: ‘C’ or better
2.0 GPA or equivalent standardized test scores

| AM63, 68 & 69 | Diesel Technologies | 2-4 semesters |

The diesel and heavy equipment industry is one of the fastest growing fields in the transportation business today. Diesel mechanics work on a wide variety of diesel engines including those found in buses, trucks, RVs, bulldozers, cranes, farm tractors and trains. Students develop the skills needed for various positions in the industry through classroom and hands-on learning. Instruction is provided on cooling systems, starting and charging systems, engine lubrication, maintenance and repair and basic mechanical performance.

**Prerequisites:** 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