Gilbert Public Schools

Course Description Catalog
Grades 9-12

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This course description catalog is a comprehensive list of courses available in the Gilbert Public School system. Course offerings may vary from campus to campus based upon available facilities, highly qualified staff, and adequate student enrollment.

Annual Public Notification of Nondiscrimination

Gilbert Unified School District does not discriminate on the basis of race, color, national origin, sex, 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. Gilbert Unified School District’s Career and Technical Education department does not discriminate in enrollment or access to any of the available programs. The lack of English language skills shall not be a barrier to admission or participation in the district’s activities and programs. The Gilbert Unified School District also does not discriminate in its hiring or employment practices.

This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator(s) at 140 S. Gilbert Rd., Gilbert, AZ 85296, or at the phone numbers listed below.

Director of Special Education 480-497-3377
Director of Athletics 480-497-3363
Coordinator of Student Services 480-497-3352

Notificación Pública Anual de No Discriminación
(Versión en Español)

El Distrito de Escuelas Públicas de Gilbert no discrimina basándose en raza, color, origen nacional, sexo, edad o discapacidad para la admisión a sus programas, servicios o actividades, en el acceso a éstas, en el trato a individuos o en ningún aspecto de sus operaciones. El Departamento de Educación Técnica y Carreras del Distrito de Escuelas Públicas de Gilbert no discrimina en la matriculación o en el acceso a cualquiera de sus programas disponibles. La falta de habilidades en el idioma inglés no será una barrera para la admisión o la participación en las actividades y programas del distrito. El Distrito de Escuelas Públicas de Gilbert tampoco discrimina en sus prácticas de contratación o de empleo.

Este aviso se provee como lo requiere el Título VI de la Ley de Derechos Civiles de 1964, la Sección 504 de la Ley de Rehabilitación de 1973, Título IX de las Enmiendas Educativas de 1972, la Ley de Discriminación por la Edad de 1975 y la Ley de los Estados Unidos con Discapacidades de 1990. Las preguntas, quejas o la solicitud de información adicional con respecto a estas leyes, pueden remitirse al coordinador(a) de cumplimiento designado, a la siguiente dirección: 140 S. Gilbert Rd. Gilbert, AZ 85296 o a los teléfonos anotados a continuación.

Director(a) de Educación Especial 480-497-3377
Director(a) de Deportes/Atletismo 480-497-3363
Coordinador(a) de Título I 480-497-3352
Students are required to earn no less than **22 credits** in the following subject areas:

- **English (4 credits)** – This requirement will be met by completing one credit each of English I, English II, English III, and English IV or ELL English. English 101 and English 102 may also be used to satisfy the requirement for English IV.

- **Social Studies (3 credits)** – This requirement will be met by completing one credit of World Studies, one credit of American/Arizona History, one-half credit of Economics, and one-half credit of American/Arizona Government. District Economics requirement may be met from other content area courses as listed in the Course Description Book.

- **Math (4 credits)** – This requirement will be met by earning four credits in math, one of which must be Algebra II, or Algebraic Functions I, or complete a math personal curriculum plan.

- **Science (3 credits)** – This requirement will be met by earning three credits in science, one of which must be Lab Biology. District Science requirements may be met from some Agriculture Education classes as listed in the Course Description Book.

- **Physical Education (1 credit)** – This requirement will be met by successfully completing one credit of Physical Education. Courses offered through the PE department that DO NOT meet this requirement are PE500 Sports Medicine I, PE501 Sports Medicine II, PE502 Sports Medicine III, PE505 Driver’s Education, and PE800 Athletic Physical Education.
Career and Technical Education (CTE) or Fine Arts (2 credits) – This requirement will be met by completing two credits in either CTE or Fine Arts. One credit may be earned by completing an advanced four-year program of study. Courses that meet CTE/Fine Arts credit will be denoted in the course description. Courses taken at East Valley Institute of Technology (EVIT) will also meet this requirement. The fourth credit/level of coursework earned in the following four-year programs of study may be used to fulfill the CTE or Fine Arts requirement. These courses will be designated as CTE/FA4 credit within the course description: Academic Decathlon, Advanced Sports Training, Advancement Via Individual Determination (AVID), Journalism, Modern Languages, and Student Council.

Electives (4.5 credits) – This requirement will be met by successfully completing any four and one-half credits of elective course offerings. A maximum of one unit of elective credit will be allowed for teacher aide, library assistant, office assistant, and other programs of this type.

Computer Proficiency (.5 credit) – This requirement will be met by completing one-half credit in a preapproved computer course as noted in the Course Description Book. Courses that meet the computer proficiency requirement are listed on page 13. This proficiency may also be met by successfully completing an exit exam. See Business Department Chair for details.

**NATIONAL COLLEGIATE ATHLETIC ASSOCIATION – NCAA**

Please check with the NCAA campus advisor for information regarding NCAA academic requirements or visit www.eligibilitycenter.com.

Gilbert Public High Schools
4-Year General Studies (Sample)

<table>
<thead>
<tr>
<th>Freshmen Year:</th>
<th>Junior Year:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>Science</td>
<td>Science</td>
</tr>
<tr>
<td>Math</td>
<td>Math</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Social Studies</td>
</tr>
<tr>
<td>Elective/Fine Arts-CTE</td>
<td>Elective/Fine Arts-CTE</td>
</tr>
<tr>
<td>Modern Language</td>
<td>Elective</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year:</th>
<th>Senior Year:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>Science</td>
<td>Math</td>
</tr>
<tr>
<td>Math</td>
<td>Social Studies</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Math</td>
</tr>
<tr>
<td>Modern Language</td>
<td>Elective</td>
</tr>
<tr>
<td>Elective/Fine Arts-CTE</td>
<td>Elective</td>
</tr>
</tbody>
</table>

Students graduating in 2016 must pass AIMS Reading, Writing and Math assessments.

All students will meet with their counselors to devise a four-year plan during the first semester of freshmen year.
"Career Pathways" helps students follow an organized, more focused plan in setting their academic goals. In addition to the requirements for graduation and/or university entrance, suggested courses are recommended for specific pathways to aid students with specific interest. See a school Guidance Counselor for additional information or assistance.

<table>
<thead>
<tr>
<th>Pathway</th>
<th>Description</th>
<th>Career Options</th>
<th>Suggested Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Resources</td>
<td>This includes programs related to the environment and natural resources. These may include agriculture, earth sciences, environmental sciences, fisheries management, forestry, horticulture, and wildlife management.</td>
<td>Veterinary Assistant, Game Warden, Forester, Landscaper, Farmer, Rancher, Food Scientist, Botanist, Agricultural Engineer, Economist, Entomologist, Oceanographer, Geologist, Meteorologist, Zoologist</td>
<td>Applied Biological Systems, Animal Science, Chemistry, Ag Business &amp; Management, Plant, Science/Landscaping, Veterinary Science, Ag Fabrication, Ag Engineering, Marine Biology, Biology</td>
</tr>
<tr>
<td>Arts, Communications, and Humanities</td>
<td>This path includes programs related to the humanities and to the performing, visual, literary, and media arts. These include architecture, creative writing, film and cinema studies, graphic design and production, journalism, foreign languages, radio and TV broadcasting, advertising, and public relations.</td>
<td>Newscaster, Teacher of the Arts, Author, Journalist, Technical Writer, Public Relations Specialist, Dancer, Motion Picture Photographer, Fashion Designer,Archaeologist, Archivist and Curator (history or art museum), Musician, Jeweler, Cartoonist, Public Relations Specialist</td>
<td>Broadcasting and Video Production, Yearbook, Photo, Digital Photo, Art and Design, Clay, Cartooning, New Media, Metals/Jewelry, Speech, Journalism, Dance, Painting, Drawing, Music, Web Development, Drama, Design &amp; Merchandising, Various Modern Languages</td>
</tr>
<tr>
<td>Business Systems</td>
<td>This includes programs related to the business environment. These may include entrepreneurship, sales, marketing, finance, hospitality and tourism, computer/information systems, accounting, personnel, economics, and management.</td>
<td>Accountant, Financial Planner, Retail Buyer or Sales, Travel Agent, Bank Teller, Payroll Clerk, Internet Administrator, IT Auditor or Project Manager, City Manager, Economist, Programmer, Software Engineer, Real Estate Agent</td>
<td>21st Century Applications, Technology, or Business Practices, Computer Technology for College and Career Readiness, Marketing, Game Design, Computer Programming, Business or Marketing Internship, Accounting, Personal Finance, Entrepreneurship, Financial Applications</td>
</tr>
<tr>
<td>Technology and Engineering</td>
<td>This path includes programs related to the technologies necessary to design, develop, install, or maintain physical systems. These may include engineering</td>
<td>Hardware Designer, Carpenter, Architect, Roofer, Chemist, Marine Architect, Auto Mechanic, Electrician, Machinist, Welder, Communications</td>
<td>Ag Fabrication, Ag Engineering, Technical Theatre, 3D Modeling &amp; CAD, Woodworking &amp; Construction, Electronics &amp; Robotics, Automotive, Computer</td>
</tr>
<tr>
<td>Engineering and Industrial</td>
<td>and related technologies, mechanics and repair, manufacturing technology, precision production, electronics, and construction.</td>
<td>Technician, Painter, Engineers: Automotive, Chemical, Computer, Civil, Electrical, Manufacturing, etc.</td>
<td>Refurbishing, Engineering &amp; Design, Digital Electronics</td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Health Services</td>
<td>This includes programs related to the promotion of health as well as the treatment of injuries, conditions, and disease. These may include medicine, dentistry, nursing, therapy and rehabilitation, nutrition, fitness, and hygiene.</td>
<td>Chiropractor, Dentist, Hospital Administrator, Nurse, Music Therapist, Occupational or Physical Therapist, Veterinarian, Speech and Language Pathologist, Doctor, EMT, Psychologist, Nursing or Dental Assistant, Dental Hygienist, Pharmacist</td>
<td>Biomedical Sciences, Human Body Systems, Medical Interventions, Anatomy and Physiology, Chemistry, Applied Biological Systems, Animal Science, Sports Medicine, Physical Education, Parallel Learning</td>
</tr>
<tr>
<td>Social and Human Services</td>
<td>This path includes programs related to economic, political, and social systems. These may include education, law and legal studies, law enforcement, public administration, child and family services, religion, and social services.</td>
<td>Special Education Teacher, Technology Education Teacher, Athletic Trainer, Child Care Assistant, Detective, Lawyer, Librarian, Market Research Analyst, Police Officer, Social Worker, Psychiatrist, Marriage Counselor, Librarian, Teaching Assistant</td>
<td>Child Development, Intro to TOYBOX, TOYBOX, Teacher Preparation, Peer Leadership/Tutoring, Teachers Aid, Sociology, Psychology, Criminal Justice, Leadership Development, Community Service, Parallel Learning, Sports Medicine</td>
</tr>
</tbody>
</table>

**EDUCATION AND CAREER ACTION PLAN (ECAP)**

Students in grades 9-12 shall complete an Arizona Education and Career Action Plan (ECAP) prior to graduation. Students shall develop an Education and Career Action Plan in consultation with their parent or guardian and their counselor. Gilbert Public Schools students develop ECAPs in accordance with State Board Rule # R7.2-302.5: [www.azed.gov/ecap](http://www.azed.gov/ecap).

An ECAP reflects students' current plan of coursework, career aspirations, and extended learning opportunities. The ECAP helps students personalize their education, and enables them to maximize the opportunities available upon high school graduation.

**CAREER RESOURCES**

School Counselors and Career Center Staff are available to provide information to help students make wise and mature decisions about their future. Information and assistance is provided in the following areas: career information, college entrance requirements, trade and technical school options, financial aid resources, military contacts with recruitment personnel, special programs and youth employment opportunities.

Students over the age of 16 may utilize the GPS Youth Employment Services for assistance in obtaining potential job leads. This is a free service provided by the GPS Career and Technical Education Department. Access to the service may be obtained through individual school Career Centers or [http://gpsvoiced.net/gyes.html](http://gpsvoiced.net/gyes.html).
Important Information

ENROLLMENT

ADVANCED CLASSES
Advanced Placement (AP) classes are available at all GPS high schools. AP courses prepare students to take the national Advanced Placement examination given in the 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 office of each high school. Students are not required to take an advanced placement course to be eligible to take the advanced placement examination; however, students enrolled in AP courses are expected to take the AP exam. AP/Honors classes are not available to homebound students. For more information see the Guidance and Counseling office or please visit www.apcentral.collegeboard.com.

COLLABORATIVE CREDIT
Information regarding alternative credits, i.e., online instruction, collaborative credit, and summer school—may be obtained through the school’s Guidance and Counseling Department. High school credit may be granted to students who satisfactorily complete college courses. Students must complete a collaborative credit form and secure permission from the administrator in charge of registration prior to taking the college course if they wish to receive high school credit. District Guidelines for specific collaborative credit information are:

1. In order for a student to receive credit at the high school, your counselor and an administrator must sign the collaborative credit form prior to the start of this college class.
2. The following GPS core classes cannot be taken at any Community College or University and must be taken at a high school in order to receive credit:
   - the four English credits
   - the first three Science credits
   - the first four Math credits
   - all three Social Studies credits
3. Any courses taken are subject to prior approval by a counselor and administrator on the high school campus.
4. Classes earning between three (3) and five (5) credit hours will receive one half credit (.5) to be awarded toward graduation requirements.
5. GPS will not accept Community College or University classes as weighted grades.
6. Upon successful completion of the college class, it is the student’s responsibility to provide the high school Registrar with a copy of the Official Transcript.

DUAL ENROLLMENT
Maricopa Community Colleges and Gilbert Public Schools have designed a cooperative program that allows students to earn both high school and college credits. These classes are held on the high school campus as part of the regular school day. Dual credit classes will only be offered if a qualified teacher is available. If students are to receive community college credit, they must pay community college tuition. They may also need to pass the AccuPlacer test. The registration process will be handled in the individual courses. Upon successful completion of these courses, students may transfer the credits to other colleges or universities. In-state universities accept all credits. Students should check transferability of their courses to in-state universities by visiting az.transfer.org/cas/students/index.html. Acceptance and applicability of transfer credits by out-of-state universities varies by institution. Courses, which may be offered for community college credit, are noted in the description of each course and are noted as “dual credit”. S/U grade option will not be allowed for these courses. A complete list of courses that will be offered for dual credit is located on the following page. Please note that course offerings vary by campus.
**Courses offered for dual credit**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Course Number</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG201</td>
<td>Ag Science - Animal</td>
<td>IE201</td>
<td>Computer Refurbishing (StRUT II)</td>
</tr>
<tr>
<td>AG205</td>
<td>Ag Science – Landscaping/Ag Plant I</td>
<td>IE400/401</td>
<td>Advanced Industrial Education</td>
</tr>
<tr>
<td>AG208</td>
<td>Ag Science – Veterinary Science</td>
<td>LM112</td>
<td>Teacher Prep I</td>
</tr>
<tr>
<td>AG306</td>
<td>Advanced Landscaping/Ag Science Plant II</td>
<td>LM300/301</td>
<td>TOYBOX</td>
</tr>
<tr>
<td>AG310</td>
<td>Ag Business and Management</td>
<td>MA408</td>
<td>College Mathematics</td>
</tr>
<tr>
<td>AG400</td>
<td>Advanced Agriculture</td>
<td>MA409</td>
<td>College Algebra</td>
</tr>
<tr>
<td>BT123</td>
<td>Computer Technology for College and Career Readiness</td>
<td>MA410</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>BT125</td>
<td>21st Century Technology</td>
<td>MA414W</td>
<td>Analysis with AP Stats</td>
</tr>
<tr>
<td>BT126</td>
<td>21st Century Business Practices</td>
<td>MA415W</td>
<td>Honors Pre-Calculus</td>
</tr>
<tr>
<td>BT132</td>
<td>Personal Finance</td>
<td>MA416W</td>
<td>AP Calculus AB</td>
</tr>
<tr>
<td>BT135</td>
<td>Accounting I</td>
<td>MA417W</td>
<td>AP Calculus BC</td>
</tr>
<tr>
<td>BT136</td>
<td>Accounting II</td>
<td>MA419W</td>
<td>Calculus III</td>
</tr>
<tr>
<td>BT142</td>
<td>Advanced Marketing (Sports &amp; Entertain.)</td>
<td>MA420W</td>
<td>Differential Equations</td>
</tr>
<tr>
<td>BT154</td>
<td>Internet/Web Development</td>
<td>PA177</td>
<td>Advanced Theatre Arts</td>
</tr>
<tr>
<td>BT400</td>
<td>Advanced Business</td>
<td>PE501</td>
<td>Sports Medicine II</td>
</tr>
<tr>
<td>BT405</td>
<td>Advanced Marketing</td>
<td>SC131W</td>
<td>AP Environmental Science</td>
</tr>
<tr>
<td>BT510</td>
<td>Broadcasting and Video Production I</td>
<td>SC122W</td>
<td>AP Biology</td>
</tr>
<tr>
<td>BT511</td>
<td>Broadcasting and Video Production II</td>
<td>SC132</td>
<td>Marine Biology</td>
</tr>
<tr>
<td>EN412</td>
<td>English IV – Literature and Advanced Research Composition</td>
<td>SC137W</td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>EN417</td>
<td>English IV - Composition 101</td>
<td>SC145</td>
<td>Anatomy and Physiology</td>
</tr>
<tr>
<td>EN418</td>
<td>English IV – Composition 102</td>
<td>SC203</td>
<td>Engineering Design and Development</td>
</tr>
<tr>
<td>FL113W</td>
<td>Spanish III</td>
<td>SC602W</td>
<td>Geology</td>
</tr>
<tr>
<td>FL114W</td>
<td>Spanish IV</td>
<td>SS106W</td>
<td>AP American History</td>
</tr>
<tr>
<td>FL211W</td>
<td>French III</td>
<td>SS107W</td>
<td>AP European History</td>
</tr>
<tr>
<td>FL212W</td>
<td>French IV</td>
<td>SS108W</td>
<td>AP Human Geography</td>
</tr>
<tr>
<td>FL411W</td>
<td>German III</td>
<td>SS110</td>
<td>Economics</td>
</tr>
<tr>
<td>FL412W</td>
<td>German Conversation and History</td>
<td>SS142W</td>
<td>AP Psychology</td>
</tr>
<tr>
<td>FL511W</td>
<td>Japanese III</td>
<td>VA102</td>
<td>Art &amp; Design II - Painting</td>
</tr>
<tr>
<td>FL512W</td>
<td>Japanese IV</td>
<td>VA123</td>
<td>Clay III</td>
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<tr>
<td>FL610</td>
<td>American Sign Language II</td>
<td>VA124</td>
<td>Clay IV</td>
</tr>
<tr>
<td>FL611W</td>
<td>American Sign Language III</td>
<td>VA126</td>
<td>3-D Art II</td>
</tr>
<tr>
<td>IE111</td>
<td>Automotive Technology II</td>
<td>VA142</td>
<td>Photo Imaging II</td>
</tr>
<tr>
<td>IE112</td>
<td>Automotive Technology III</td>
<td>VA143</td>
<td>Photo Imaging III</td>
</tr>
<tr>
<td>IE120</td>
<td>3D Modeling/Computer Aided (CAD) I</td>
<td>VA144</td>
<td>Photo Imaging IV</td>
</tr>
<tr>
<td>IE121</td>
<td>3D Modeling/Computer Aided (CAD) II</td>
<td>VA150</td>
<td>New Media I</td>
</tr>
<tr>
<td>IE200</td>
<td>Computer Refurbishing (StRUT I)</td>
<td>VA151</td>
<td>New Media II</td>
</tr>
</tbody>
</table>

**EAST VALLEY INSTITUTE OF TECHNOLOGY (EVIT)**

EVIT is a public, joint technological education district (JTED) that serves students from ten East Valley school districts. Students spend a half-day at EVIT in a technological program and the other half-day at their home high school. All 10th, 11th and 12th grade students can attend tuition-free, if they have met the class prerequisites. Transportation is provided to and from EVIT by the student’s home school district for most programs. More information can be found starting on page 87.

**ENROLLMENT REQUIREMENTS**

High school students are required to be enrolled in a minimum of four Gilbert Public Schools credit-bearing courses per semester. High school students may enroll in a combination of campus and online courses. Please refer to Governing Board Policy IKF for additional information.
HONORS PROGRAM
The high school honors curriculum is designed to provide academic acceleration and enrichment for the ambitious student. It is recommended that students maintain a “C” or better to continue in the honors sequence. Please be aware that Arizona Universities and many others will unweight grades in honors classes.

TRANSFER STUDENTS
Transfer students who plan to graduate from a District high school will be held responsible for District graduation requirements. Coursework completed outside the District will be evaluated to determine whether or not credit will be awarded. To receive a Gilbert Public Schools diploma, a transfer student must meet graduation requirements and have earned five credits in a District high school. Students who transfer in the final semester of their senior year must earn a minimum of three credits. The transfer student must also be enrolled in the school granting the diploma in the semester of graduation. Honors courses taken in another district, community college, or university must correlate with Gilbert Public Schools honors courses in order for weighted credit to be awarded.

TRANSPORTATION BETWEEN SCHOOLS WITHIN THE SCHOOL DAY
Students who opt to enroll in classes that take place on a campus other than their home campus must provide their own transportation to and from the class.

FEES/EXPENSES
Please see course descriptions for specific fee and expense information. Fundraising, tax credits and donations may help defray the cost of participating in extracurricular activities. Non-participation in optional activities will not affect the student’s grade. Fees and expenses listed will furnish sufficient resources to successfully complete required course activities. Supervised agricultural experiences could involve entrepreneurial efforts and related financial risks depending on the choices of students and parents, and advice of the faculty.

Additional fees that students may incur:

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Activity/Extracurricular Fee</td>
<td>$1.00</td>
</tr>
<tr>
<td>Activity Card</td>
<td>$45.00</td>
</tr>
<tr>
<td>Athletic Fee/Cheerleading</td>
<td>$100.00</td>
</tr>
<tr>
<td>Chess</td>
<td>$55.00</td>
</tr>
<tr>
<td>Parking</td>
<td>$60.00</td>
</tr>
<tr>
<td>Late Library Fees – Per Day</td>
<td>$.10</td>
</tr>
<tr>
<td>Lunch / Combo Lunch</td>
<td>TBD</td>
</tr>
<tr>
<td>Credit bearing course, above 6 (on-line and/or in the brick &amp; mortar bldg.)</td>
<td>$160/semester</td>
</tr>
</tbody>
</table>

Students may contact the school’s principal to request a reduction/waiver of course fees.

GRADES

ALTERNATIVE GRADE (P/F) OPTION
Secondary students will have any grade issued pursuant to an alternative grading system reflected on their report card by a Pass (P) or Fail (F). Students who earn a grade of Pass (P) will have each "P" calculated as a "C". Students receiving a noncompetitive grade of Pass (P) are not eligible for Gilbert Golden Scholars.

GILBERT GOLDEN SCHOLARS
Full-time students who earn high grades and demonstrate good character traits will be honored at an annual ceremony. Golden Scholars requirements are:

1. A cumulative grade point average of 3.80 or higher at the end of semester one, three, five and seven.
2. No F’s or I’s on transcripts.
3. Students receiving non-competitive grades are not eligible for recognition.
**GRADING**

Students attending Gilbert Public Schools will be assessed using the following grading scales. Students must abide by the Academic Misconduct and Cheating policy as outlined in the student handbook.

<table>
<thead>
<tr>
<th>Grading Scale</th>
<th>GPA</th>
<th>Weighted GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A</td>
<td>A = 4.0</td>
</tr>
<tr>
<td>80-89</td>
<td>B</td>
<td>B = 3.0</td>
</tr>
<tr>
<td>70-79</td>
<td>C</td>
<td>C = 2.0 / P = 2.0</td>
</tr>
<tr>
<td>60-69</td>
<td>D</td>
<td>D = 1.0</td>
</tr>
<tr>
<td>59-0</td>
<td>F</td>
<td>F = No credit</td>
</tr>
</tbody>
</table>

*SATISFACTORY/UNSATISFACTORY (S/U) GRADE OPTION*

Satisfactory- Unsatisfactory (S/U) grades may not be used to fulfill any of the credits required for graduation, including all elective courses. **AVID Tutor, Teacher's Aide, the Community Volunteer Service course, and the Parallel Learning course are the exceptions.** These courses may be used to fulfill graduation requirements in the electives area.

The S/U grade option may be used only after a student has accumulated six (6) credits toward graduation. To exercise this option, underclassmen must be enrolled in no fewer than six (6) classes, five (5) of which must be credit bearing. The sixth class may be an S/U course. Seniors must be enrolled in a minimum of four (4) credit bearing courses. The fifth class may be an S/U course.

Student decisions regarding the S/U grade option are limited to the first four and one-half (4.5) weeks of a course in which they are already enrolled. The S/U grade option is limited to one course per semester. As with any other course, if students withdraw from an S/U grade course after the 9-week period, they will receive a “WF” for that course. The “S” grade is not calculated into the student’s GPA. A grade of “U”, however, is calculated in the GPA and is equivalent to an “F”. **NCAA interprets an “S” grade as a “D” grade according to NCAA guidelines.**

**WEIGHTED COURSES**

Courses that have weighted grades are indicated in the description of the course. Weighted grades are assigned to classes that are significantly more rigorous and provide students with multiple opportunities to take greater ownership of their learning. Grades in these courses are weighted as follows: A = 5.0, B = 4.0, C = 3.0. Grades of “D” are not weighted. **Please be aware that Arizona Universities and many others will unweight these grades.** **Weighted courses taken in another district must correlate with the Gilbert Public Schools weighted courses in order for weighted credit to be awarded.**

**GRADUATION**

**STATE MANDATED ASSESSMENTS**

The Arizona State Department of Education requires that students participate in AzMERIT for Writing, English Language Arts, and Mathematics End of Course Assessments in grades 9, 10, and 11. Students will begin taking AzMERIT assessments in the spring semester of 2015. **There will no longer be a state graduation requirement related to any state assessment for Cohorts 2017 and forward. Cohorts 2016 and earlier will continue to retest in AIMS Mathematics, Reading, and Writing as part of a condition for graduation.**

All prospective graduates in Cohorts 2016 and earlier who have not met the appropriate AIMS standard(s) are required to test during the fall and spring sessions. For further information, refer to the Arizona State Department of Education website at www.azed.gov.

In school year 2014/15, the State is proposing to roll out the implementation of a new graduation proficiency requirement. Students will be expected to follow the new requirement.
VALEDICTORIAN/SALUTATORIAN SELECTION
To give all students an equal opportunity to become their school’s valedictorian or salutatorian, Gilbert Public Schools will use the following guidelines:

- Only students in the top 5% of the graduating class will compete for the position of valedictorian and salutatorian.
- These students, at the end of the first nine weeks of second semester, will select the 44 subjects they want to use for their valedictorian/salutatorian GPA. The 44 classes must fulfill the student’s graduation requirements. **Students may not select S/U classes.**
- No valedictorian or salutatorian candidate will have a grade lower than a “C” in any subject.
- Foreign exchange students will not be eligible for the valedictorian or salutatorian position.
- Mid-year graduates will not be eligible for the valedictorian or salutatorian position.
- The valedictorian or salutatorian must have taken a minimum of twelve and one-half (12.5) credits (25 semester courses) at the high school they are graduating from, and must be **enrolled in a minimum of four (4) classes (full time status) per semester.**
- Students who have been suspended during their senior year will not be allowed to speak at graduation.

Students who are interested in competing for the valedictorian or salutatorian position are encouraged to discuss this process with their school counselor.

Please keep in mind that the GPA school ranking is not necessarily the same as the rankings under this system.

**EARLY GRADUATION**
Students who meet graduation requirements at the end of the sixth or seventh semester are eligible to graduate and will receive their diploma at the end of the school year. These students may participate in graduation exercises at that time.

**GRADUATION DEFICIENCIES**
Any senior with deficiencies at the end of their eighth semester must complete all course work prior to September 1st in order to receive a diploma from the previous scheduled cohort. Students who fail to meet graduation requirements at the end of eight semesters of attendance will be permitted to continue in school and carry a course load sufficient to permit them to meet graduation requirements the following year. Students who fail to meet graduation requirements will be subject to new requirements that may have been adopted. **Students with deficiencies will not be allowed to participate in graduation ceremonies.**

Students will be given an opportunity up to the age of 22 to fulfill the graduation requirements and receive a Gilbert Public Schools diploma.

**SCHOLARSHIPS AND FINANCIAL AID**
Specific information regarding college scholarships and financial aid should be obtained through the school’s Guidance and Counseling Office.
CREDIT CROSS-REFERENCE CHART

Courses designated with an X under “Science” are non-science department courses that meet District graduation requirements for Science. An X under “Economics” identifies additional courses that meet the District graduation requirement for Economics. An X under “Computer Proficiency” identifies additional courses that meet the District graduation requirement for Computers.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Science</th>
<th>Economics</th>
<th>Computer Proficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG100</td>
<td>Applied Biological Systems</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AG201</td>
<td>Ag Science - Animal</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AG205</td>
<td>Ag Science – Landscaping/Ag Plant I</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AG208</td>
<td>Ag Science – Veterinary Science</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AG306</td>
<td>Advanced Landscaping/Ag Science Plant II</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AG310</td>
<td>Ag Business and Management</td>
<td>X</td>
<td>X*</td>
<td></td>
</tr>
<tr>
<td>AG400</td>
<td>Advanced Agriculture</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AR104</td>
<td>Leadership Education Training</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT124</td>
<td>21st Century Applications</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT125</td>
<td>21st Century Technology</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT156</td>
<td>Game Design II</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT140</td>
<td>Marketing Education</td>
<td>X</td>
<td>X*</td>
<td></td>
</tr>
<tr>
<td>BT145</td>
<td>Entrepreneurship (Business Ownership)</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT154</td>
<td>Internet/Web Development</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT211</td>
<td>Build Your Own Business</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT212</td>
<td>Advertising Strategies and Economics</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT400</td>
<td>Advanced Business</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>BT600</td>
<td>Take Two: Applications of Digital Media</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>EN521</td>
<td>Yearbook II</td>
<td></td>
<td>X*</td>
<td></td>
</tr>
<tr>
<td>IE200</td>
<td>Computer Refurbishing (STRUT I)</td>
<td></td>
<td>X*</td>
<td></td>
</tr>
<tr>
<td>IE201</td>
<td>Computer Refurbishing (STRUT II)</td>
<td></td>
<td>X*</td>
<td></td>
</tr>
<tr>
<td>IE400</td>
<td>Advanced Industrial Education</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>LM400</td>
<td>Advanced FACS</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>SS111</td>
<td>Stock Market</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>SP400/401</td>
<td>Respect Class/Work Experience</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>VA146</td>
<td>Digital Photography I</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

X* under Computer Proficiency column = must complete the entire year to earn computer credit.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD100W</td>
<td>Academic Decathlon</td>
<td>PA145</td>
<td>Men's Chorale</td>
</tr>
<tr>
<td>AG200</td>
<td>Agricultural Leadership</td>
<td>PA151</td>
<td>Varsity Marching Band</td>
</tr>
<tr>
<td>AG221</td>
<td>Ag Engineering and Fabrication II</td>
<td>PA155</td>
<td>Jazz Band I</td>
</tr>
<tr>
<td>AG315</td>
<td>Agricultural Processing</td>
<td>PA156</td>
<td>Jazz Band II</td>
</tr>
<tr>
<td>AR105</td>
<td>Drill Team/Color Guard</td>
<td>PA159</td>
<td>Concert Band I</td>
</tr>
<tr>
<td>AS105</td>
<td>Drill Team/Color Guard</td>
<td>PA160</td>
<td>Concert Band II</td>
</tr>
<tr>
<td>AV100</td>
<td>AVID</td>
<td>PA165</td>
<td>Symphonic Band</td>
</tr>
<tr>
<td>AV900</td>
<td>AVID Tutor</td>
<td>PA170</td>
<td>Wind Ensemble</td>
</tr>
<tr>
<td>BT126</td>
<td>21st Century Business Practices</td>
<td>PA177</td>
<td>Advanced Theatre Arts</td>
</tr>
<tr>
<td>BT142</td>
<td>Advanced Marketing (Sports &amp; Entertain.)</td>
<td>PA178</td>
<td>Performance Theatre Arts</td>
</tr>
<tr>
<td>BT154</td>
<td>Internet/Web Development</td>
<td>PA181</td>
<td>Advanced Technical Theater</td>
</tr>
<tr>
<td>BT157</td>
<td>Game Design III</td>
<td>PE100</td>
<td>Physical Education (Male)</td>
</tr>
<tr>
<td>BT512</td>
<td>Video Production III</td>
<td>PE101</td>
<td>Physical Education (Female)</td>
</tr>
<tr>
<td>EN500</td>
<td>Creative Writing</td>
<td>PE106</td>
<td>Intermediate Dance</td>
</tr>
<tr>
<td>EN505</td>
<td>Beginning Speech</td>
<td>PE107</td>
<td>Advanced Dance</td>
</tr>
<tr>
<td>EN507W</td>
<td>Forensics: Speech and Debate</td>
<td>PE108</td>
<td>Danceworks LTD. Company</td>
</tr>
<tr>
<td>EN516</td>
<td>Journalism II</td>
<td>PE109</td>
<td>One Image Dance Company</td>
</tr>
<tr>
<td>EN522</td>
<td>Yearbook III</td>
<td>PE110</td>
<td>Beyond Motion Dance Company</td>
</tr>
<tr>
<td>FL115</td>
<td>Spanish for Spanish Speakers</td>
<td>PE111</td>
<td>Pulse Dance Company</td>
</tr>
<tr>
<td>GC105</td>
<td>Community Volunteer Service</td>
<td>PE112</td>
<td>Soulmatic Rhythm Dance Company</td>
</tr>
<tr>
<td>GC110</td>
<td>Peer Leadership/Tutoring</td>
<td>PE202</td>
<td>Yoga Fitness Training II</td>
</tr>
<tr>
<td>IE109</td>
<td>Furniture Design and Manufacturing</td>
<td>PE210</td>
<td>Racquet &amp; Individual Sports</td>
</tr>
<tr>
<td>IE112</td>
<td>Automotive Technology III</td>
<td>PE220</td>
<td>Introductory Weight Training (Male)</td>
</tr>
<tr>
<td>IE141</td>
<td>Electronics/Robotics II</td>
<td>PE221</td>
<td>Introductory Weight Training (Female)</td>
</tr>
<tr>
<td>IE201</td>
<td>Computer Refurbishing (StRUT II)</td>
<td>PE225</td>
<td>Advanced Weight Training</td>
</tr>
<tr>
<td>LM101</td>
<td>Clothing II</td>
<td>PE229</td>
<td>Introductory Sports Training</td>
</tr>
<tr>
<td>LM109</td>
<td>Culinary Arts IV</td>
<td>PE230</td>
<td>Advanced Sports Training</td>
</tr>
<tr>
<td>LM113</td>
<td>Teacher Preparation Program II</td>
<td>PE400</td>
<td>Adaptive Physical Education</td>
</tr>
<tr>
<td>LM300/301</td>
<td>TOYBOX/TOYBOX Lab</td>
<td>PE401</td>
<td>Unified Physical Education</td>
</tr>
<tr>
<td>MA900</td>
<td>Math Standards</td>
<td>PE501</td>
<td>Sports Medicine II</td>
</tr>
<tr>
<td>PA100</td>
<td>Concert Orchestra I</td>
<td>PE800</td>
<td>Athletic Physical Education</td>
</tr>
<tr>
<td>PA101</td>
<td>Concert Orchestra II</td>
<td>SG100</td>
<td>Leadership Development</td>
</tr>
<tr>
<td>PA105</td>
<td>Symphonic Strings</td>
<td>SS125</td>
<td>Current World Affairs</td>
</tr>
<tr>
<td>PA110</td>
<td>Symphony Orchestra</td>
<td>VA111</td>
<td>Cartooning II</td>
</tr>
<tr>
<td>PA115</td>
<td>Golden Strings</td>
<td>VA123</td>
<td>Clay III</td>
</tr>
<tr>
<td>PA116</td>
<td>Strolling Strings</td>
<td>VA124</td>
<td>Clay IV</td>
</tr>
<tr>
<td>PA117</td>
<td>Mesquite Strings</td>
<td>VA126</td>
<td>3-D Art II</td>
</tr>
<tr>
<td>PA118</td>
<td>Coyote Strings</td>
<td>VA144</td>
<td>Photo Imaging IV</td>
</tr>
<tr>
<td>PA120</td>
<td>Chorale</td>
<td>VA145</td>
<td>Photojournalism</td>
</tr>
<tr>
<td>PA125</td>
<td>Women's Chorale</td>
<td>VA148</td>
<td>Digital Photography III</td>
</tr>
<tr>
<td>PA130</td>
<td>Advanced Women's Chorale</td>
<td>VA151</td>
<td>New Media II</td>
</tr>
<tr>
<td>PA135</td>
<td>Concert Choir</td>
<td>VA162</td>
<td>Metals/Jewelry III</td>
</tr>
<tr>
<td>PA140</td>
<td>Advanced Vocal Ensemble</td>
<td>VA163</td>
<td>Metals/Jewelry IV</td>
</tr>
</tbody>
</table>
CAREER AND TECHNICAL EDUCATION

AGRICULTURE EDUCATION

All courses in this department will meet the District requirement for Career and Technical Education Credit.

AG100 APPLIED BIOLOGICAL SYSTEMS

<table>
<thead>
<tr>
<th>Grades: 9, 10</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee: $15.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will meet one of the District graduation requirements for science, but will not replace Lab Biology.
This course will satisfy one lab science credit for Arizona university entrance requirements.

This course will introduce the basics of agricultural science, animal science, plant science, and agricultural careers. Emphasis will be on finance, management skills, marketing of agricultural products, and leadership development. This course is a prerequisite to other Agriculture Education courses. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.

AG120 AG ENGINEERING AND FABRICATION I

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee: $25.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will introduce basic engineering and fabrication skills such as hand tools, power tools, plumbing, welding, metal fabrication, project design and construction. Students will learn to read working drawings and complete project plans. Students will apply learned skills to construct an actual project. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.

AG200 AGRICULTURAL LEADERSHIP DEVELOPMENT

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successful completion of an agricultural course or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee: $15.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course may be repeated for credit but not for grade change.

This course will emphasize leadership skills necessary for success in the agriculture industry. The course will utilize Agricultural Education and FFA activities to develop group dynamics, speaking skills, parliamentary procedures, goal setting, and human relations skills. FFA officers are encouraged to enroll in this course, but the course is not a prerequisite for students who are interested in holding an office in FFA. An approved supervised agricultural experience will be developed and conducted by each student.

AG201 AG SCIENCE-ANIMAL

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applied Biological Systems or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee: $15.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Can be taken for dual credit
This course will meet one of the District graduation requirements for science, but will not replace Lab Biology.
This course will satisfy one-half lab science credit for Arizona university entrance requirements.

This course will prepare students for careers in Animal and Veterinary Sciences. Course content includes animal selection, nutrition, health, care, genetics and animal/human relations. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.
### AG205 AG SCIENCE – PLANT I

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Applied Biological Systems or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$25.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Can be taken for dual credit*

**This course will meet one of the District graduation requirements for science, but will not replace Lab Biology.**

**This course will satisfy one-half lab science credit for Arizona university entrance requirements.**

This course will address the study of plant science. Major topics will be floral design, plant growth and development, soils, propagation, diseases, biotechnology, landscape design, and greenhouse operation. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.

### AG206 BIOTECHNOLOGY IN AGRICULTURE

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Applied Biological Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$25.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will examine the use of biotechnology in the agricultural industry. Tissue culture, DNA manipulation, embryology, sterile technique and the scientific method will be part of the course. An approved supervised agricultural experience will be developed and conducted by each student. FFA activities will be emphasized within the class.

### AG208 AG SCIENCE-VETERINARY SCIENCE

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Applied Biological Systems or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$15.00</td>
<td></td>
<td></td>
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</tbody>
</table>

*Can be taken for dual credit*

**This course will meet one of the District graduation requirements for science, but will not replace Lab Biology.**

**This course will satisfy one-half lab science credit for Arizona university entrance requirements.**

This course will examine the anatomy/physiology, nutrition, reproduction, disease, care and management of animals from a veterinary medical standpoint. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.

### AG221 AG ENGINEERING AND FABRICATION II

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Beginning Ag Fabrication or Ag Engineering and Fabrication I</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$25.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*This course may be repeated for credit but not for grade change.*

This course will emphasize advanced skills in agriculture and related industries. Topics will include welding (Shielded Metal Arc Welding (SMAW), Metal Inert Gas (MIG), Tungsten Inert Gas (TIG), and oxy fuels), computerized plasma cutting, student project engineering, and fabrication, structures, surveying, concrete, plumbing, and electrical skills. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.

### AG306 AG SCIENCE – PLANT II

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Ag Science Plant I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$25.00</td>
<td></td>
<td></td>
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</tbody>
</table>

*Can be taken for dual credit*

This course will focus on the production and management of horticultural plants. Topics will include greenhouse management, hydroponics management, turf and landscape management and installation, landscape equipment, and biotechnology. Students will prepare to produce, process, and market plants, shrubs and trees. They will establish, maintain, and manage horticultural enterprises. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.
AG310 AG BUSINESS AND MANAGEMENT

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: 1 year of any Agriculture Education course or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee: $20.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Can be taken for dual credit

This course will meet District graduation requirements for Economics and computer proficiency upon completion of the entire year.

This course will not meet the NCAA requirements for Social Studies.

This course will emphasize the principles of marketing, profit maximizing, business management, personal finance, investing, stocks, computer utilization and record keeping. Students will apply agricultural and personal business concepts using word processing, spreadsheets, graphics, data bases, presentation and publishing software. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.

AG315 AGRICULTURAL PROCESSING

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: 1 year of any Agriculture Education course or application and approval</td>
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<td></td>
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<tr>
<td>Fee: $10.00</td>
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</tbody>
</table>

This course may be repeated for credit but not for grade change.

This course is taught at Gilbert High School, but is open to students from all Gilbert high schools. Students must provide their own transportation.

This course will explore agricultural processing and the meat industry as a business enterprise. Topics will include carcass evaluation, grading, judging for cutability and quality, cut identification, meat cutting, wrapping, freezing, storing, and information pertinent to the meat industry. There will be considerable hands-on activities in Gilbert High School’s meats lab. Leadership development and FFA activities will be emphasized. An approved supervised agricultural experience will be developed and conducted by each student.

AG400 ADVANCED AGRICULTURE

AG401 AG CO-OP

Advanced Agriculture and Ag Co-Op are to be taken concurrently.

<table>
<thead>
<tr>
<th>Grade: 12</th>
<th>1 Year</th>
<th>3 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: 1 year of related Career and Technical Education (CTE) coursework in a related discipline, application and approval</td>
<td></td>
<td></td>
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<tr>
<td>Fee: $15.00</td>
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</tbody>
</table>

Can be taken for dual credit

This course will meet District graduation requirement for Economics and/or CTE/Fine Arts upon completion of the entire year.

Two elective credits will be issued for the work portion of the course.

This course will not meet the NCAA requirements for Social Studies.

This course will assist students in job placement. Topics will include job seeking skills, career interest surveys, career search, industry guest speakers, organizational management, personal safety, business management, human relations, banking/financial services, and taxes. Students will participate in one hour of classroom activities per day and work a minimum of 15 hours per week in an Agriculture-related job. FFA membership is recommended.
All courses in this department will meet the District requirement for Career and Technical Education Credit.

**SC210 PRINCIPLES OF THE BIOMEDICAL SCIENCES**  
**CVHS ONLY**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Application and approval. Concurrent enrollment in math and science.</td>
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<td></td>
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<tr>
<td>Fee: $20.00 per semester</td>
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<tr>
<td>Elective or Career and Technical Education credit will be issued for this course.</td>
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<tr>
<td>This course may not be repeated.</td>
<td></td>
<td></td>
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<tr>
<td>Upon successful completion of this course, students may be eligible to earn college credit.</td>
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</tbody>
</table>

This course will explore concepts of human medicine, and introduce students to processes and bioinformatics. Hands-on projects will enable students to investigate human body systems and various health conditions, including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. Students will be encouraged to participate in the Health Occupations Student Association (HOSA), a student oriented professional association.

**SC211 HUMAN BODY SYSTEMS**  
**CVHS ONLY**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Principles of the Biomedical Sciences. Application and approval. Concurrent enrollment in math and science.</td>
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<tr>
<td>Fee: $20.00 per semester</td>
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<tr>
<td>Elective or Career and Technical Education credit will be issued for this course.</td>
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<td></td>
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<tr>
<td>This course may not be repeated.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Upon successful completion of this course, students may be eligible to earn college credit.</td>
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</tbody>
</table>

This course will engage students in the study of processes, structures, and interactions of the human body systems. Topics will include communication, transport of substances, locomotion, metabolic processes, defense, and protection. Students will design experiments, investigate the structures and functions of body systems, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary actions, and respiratory operations.

**SC212W MEDICAL INTERVENTIONS**  
**CVHS ONLY**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Human Body Systems. Application and approval. Concurrent enrollment in math and science.</td>
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<td></td>
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<tr>
<td>Fee: $20.00 per semester</td>
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<tr>
<td>Elective or Career and Technical Education credit will be issued for this course.</td>
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<tr>
<td>This course may not be repeated.</td>
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<tr>
<td>Upon successful completion of this course, students may be eligible to earn college credit.</td>
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</table>

This course will allow students to investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. This course is a how-to manual for maintaining overall health and homeostasis in the body as students explore how to prevent and fight infection; how to screen and evaluate the code in human DNA; how to prevent, diagnose and treat cancer, and how to prevail when the organs of the body begin to fail. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important roles scientific thinking and engineering design play in the development of interventions of the future.
SC213W BIOMEDICAL INNOVATION  
CVHS ONLY

<table>
<thead>
<tr>
<th>Grades:</th>
<th>12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Medical Interventions. Application and approval. Concurrent enrollment in math and science.</td>
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<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00 per semester</td>
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</tbody>
</table>

*Elective or Career and Technical Education credit will be issued for this course. This course may not be repeated.*

*Upon successful completion of this course, students may be eligible to earn college credit.*

In this capstone course, students will apply their knowledge and skills to answer questions and solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician’s office, or industry. Throughout this course, students are expected to present their work to an adult audience that may include representatives from the local business and health care community.

**BUSINESS AND TECHNOLOGY**

*All courses in this department will meet the District requirement for Career and Technical Education Credit.*

**BT123 COMPUTER TECHNOLOGY FOR COLLEGE AND CAREER READINESS**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can be taken for dual credit</td>
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</table>

*This course will meet computer proficiency requirement upon completion of entire year.*

This course will introduce students to business and computer operations and applications for use within the college and career environment utilizing word processing, spreadsheet, presentation, and publishing software. Participants will also explore a wide variety of 21st century tools that have the power to engage and enhance communication and collaboration in college or career. Students will manipulate online applications that facilitate interactive information sharing. Online tools featured in this class include Google Apps, as well as an assortment of other classroom-friendly Web 2.0 applications.

**BT124 21st CENTURY APPLICATIONS**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
<tbody>
<tr>
<td>This course will meet computer proficiency requirement.</td>
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</table>

This course will introduce the use of word processing, spreadsheet, presentation, and publishing software, and how to apply foundational computer application skills. Basic computer hardware and software concepts will be taught. The course will be taught at an accelerated speed. Participation in FBLA (Future Business Leaders of America) is recommended.

**BT125 21st CENTURY TECHNOLOGY**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
<tbody>
<tr>
<td>Can be taken for dual credit</td>
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</table>

*This course will meet computer proficiency requirement.*

This course will address the use of technology that most individuals will encounter in their life. This course will explore emerging technology and its uses. It will help students become proficient with today’s technology and model skills that will help them be better 21st century learners and citizens. Topics will include blogging, digital learning portfolio, Google applications, wikis, voice threads, podcasting, videos, vodcasting, Really Simple Syndication (RSS), web design, personal learning networks, and digital citizenship. Participation in FBLA (Future Business Leaders of America) is recommended.
BT126 21st CENTURY BUSINESS PRACTICES
Grades: 10, 11, 12 1 Year 1 Credit
Prerequisite: 21st Century Applications or 21st Century Technology
Can be taken for dual credit
This course may be repeated for credit but not for grade change.
This course will address the characteristics and activities of current local, state, national, and international business. Organizational structure similarities and differences between sole proprietorships, partnerships, and corporations, economic structures and laws/policies that impact businesses will be discussed. Topics include economic structures and laws and policies, human resources, management strategies, historical business models and case management analysis. Current day business practices involving risk management, finance, money management and technology will be discussed. Participation in FBLA (Future Business Leaders of America) is recommended.

BT132 PERSONAL FINANCE
Grades: 10, 11, 12 1 Year 1 Credit
Can be taken for dual credit
This course will explore the principles and practices of personal and family financial planning, including savings, budgeting, credit, buying versus renting, and general principles of consumerism.

BT135 ACCOUNTING I
Grades: 10, 11, 12 1 Year 1 Credit
Can be taken for dual credit
This course will introduce fundamental accounting principles and procedures as they apply to business. The course will provide an excellent foundation for students who plan to own a business. Topics will include journals, ledgers, banking, financial statements, payroll, and inventory systems.

BT136 ACCOUNTING II
Grades: 11, 12 1 Year 1 Credit
Prerequisite: Accounting I
Fee: $10.00
Can be taken for dual credit
This course will develop principles as they apply to partnership and corporate accounting. Topics will include journals, ledgers, financial statements, accounts receivable and payable, and payroll systems.

BT140 MARKETING EDUCATION
Grades: 10, 11, 12 1 Year 1 Credit
This course will meet District graduation requirements for Economics and computer proficiency upon completion of the entire year.
This course will not meet the NCAA requirements for Social Studies.
This course will prepare students for employment in a wide range of marketing careers and will apply concepts of the free enterprise system. The principles of marketing economics, marketing math, communications, selling, advertising, promotion, and human relations will be emphasized. Students will apply marketing concepts using word processing, spreadsheet, graphics, database, integration, and computer systems. Participation in DECA (Distributive Education Clubs of America) is recommended.

BT141 MARKETING LAB (Spirit Store)
Grades: 10, 11, 12 1 Year 1 Credit
Prerequisite: Completion of or concurrent enrollment in Marketing Education, completed application and interview with Spirit Store supervisor required
This course will provide students with practical marketing experience in the operation of the Spirit Store. Topics will include inventory, advertising, stocking, visual merchandising, pricing, cash handling, and management operation.
BT142 ADVANCED MARKETING (SPORTS & ENTERTAINMENT)

Grades: 11, 12  
1 Year  
1 Credit

Prerequisite: Marketing Education or application and approval  
Can be taken once for dual credit  
This course may be repeated for credit but not for grade change.

This course will address sports, entertainment, and event marketing. Emphasis will be placed on the following principles as they apply to the industry: branding, licensing, and naming rights; business foundations; concessions and on-site merchandising; economic foundations; promotion; safety and security; and human relations. Marketing simulations, projects, teamwork, DECA leadership activities, meetings, conferences, and competitions will provide many opportunities for application of instructional competencies. Participation in DECA (Distributive Education Clubs of America) is recommended.

BT145 ENTREPRENEURSHIP (Business Ownership)

Grades: 11, 12  
1 Semester  
1/2 Credit

This course will meet District graduation requirements for Economics.  
This course will not meet the NCAA requirements for Social Studies.

This course will provide an understanding of the nature of a small business, determine potential as an entrepreneur, and develop a business plan. Junior Achievement Business Economics course materials will be used. Free Enterprise and decision-making competencies will be addressed.

BT150 COMPUTER PROGRAMMING I

Grades: 9, 10, 11, 12  
1 Year  
1 Credit

Elective or CTE credit will be issued for this course.

This course will provide a study of C++ computer programming language resulting in game design projects. Major topics will include assignment statements, decision statements, input/output, branching and looping devices, one and two dimensional arrays, sorting, files, and string functions. This course will also examine statements, data types, comparison statements, looping statements, input/output statements and array.

BT151 COMPUTER PROGRAMMING II

Grades: 10, 11, 12  
1 Year  
1 Credit

Prerequisite: Computer Programming I  
Elective or CTE credit will be issued for this course.

This course will continue to provide a study of C++ computer programming language resulting in game design projects. This course will focus on pointer variables, link lists, stacks, queues and recursion. Emphasis will be on real-world applications, creativity, cooperation and problem solving.

BT154 INTERNET/WEB DEVELOPMENT

Grades: 10, 11, 12  
1 Semester  
1/2 Credit

Can be taken for dual credit  
This course will meet computer proficiency requirement.  
This course may be repeated for credit but not for grade change.

This course will provide an overview of the Internet, its development resources and web based client/server interactions. Students will learn to design and create pages on the World Wide Web writing directly in Hypertext Markup Language (HTML). Topics will include HTML and Cascading Style Sheets (CSS), various server side languages, tools and techniques including, scripting language programs and their function in creating dynamic web pages and interfacing to server databases.

BT155 GAME DESIGN I

Grades: 9, 10, 11, 12  
1 Year  
1 Credit

This course will introduce video game design history, gaming terminology, fun theory, art theory and concepts as they apply to video game development. Practical application of these art fundamentals in establishing style guides, concept art, storyboards, and in-game assets will be demonstrated. Topics include game design, game production, asset production, and game programming. Students will utilize hands-on experience to create 2-D games belonging to different video game genres.
BT156 GAME DESIGN II

Grades: 10, 11, 12  
Prerequisite: Game Design I

This course will meet computer proficiency requirement upon completion of the entire year.

This course will emphasize advanced video game design, gaming terminology, fun theory, art theory and concepts as they apply to video game development. Practical application of these art fundamentals in establishing style guides, concept art, storyboards, and in-game assets will be demonstrated. Topics include game design, game production, asset production, extensive game programming. Students will utilize hands-on experience to create advanced games belonging to different video game genres.

BT157 GAME DESIGN III

Grades: 11, 12  
Prerequisite: Game Design II

This course may be repeated for credit but not for grade change.

This course will emphasize advanced video game design for computer and android phones using scripted and non-scripted computer languages in addition to advanced graphic design.

BT200W AP COMPUTER SCIENCE A

Grades: 9, 10, 11, 12  
Prerequisite: Algebra I

Elective credit will be issued for this course.

This course will introduce students to entry level programming typically used at a college or university. The course is built around the development of computer programs using Java that correctly solves a given problem. This course introduces aspects of computer science including the development and analysis of algorithms and data structures, the study of standard algorithms and typical applications, the use of logic, and the ethical and social implications of computer use. Only students planning to take the Advanced Placement Exam should take this course.

BT210 EXPLORING THE CORPORATE WORLD

Grades: 9, 10  

Elective or CTE credit will be issued for this course.

This course will explore the principles of the corporate and business world. Students will engage in discussion and project-based learning in order to gain an understanding of the business world. Topics will include workplace norms, trends, dress-for-work, business communications, proper technology use, and introduction to the corporate structure. Students will choose a Fortune 500 company to investigate and report on in order to bring class discussions and topics to life in a real world way. Relevant guest speakers and field trips will also be included. Participation in FBLA (Future Business Leaders of America) is recommended.

BT211 BUILD YOUR OWN BUSINESS

Grades: 10, 11  
Prerequisite: Exploring the Corporate World

Elective or CTE credit will be issued for this course.

This course will meet computer proficiency requirement upon completion of the entire year.

This course will provide an understanding of the inner-workings of a business or corporation. Investigative based learning will guide students as they explore and discuss the following topics: entrepreneurship, financing a new business, principles of management and human resources including interviewing, logistics, operations and supply chain. Students will experience the nature of a small business, determine potential as an entrepreneur, and develop an original business plan. Relevant guest speakers will be included as well. Participation in FBLA (Future Business Leaders of America) is recommended.
BT212 ADVERTISING STRATEGIES AND ECONOMICS

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</table>

**Prerequisite:** Build Your Own Business (1/2 CTE/Elective Credit-1/2 Econ Credit)

This course will meet District graduation requirement for Economics and/or CTE upon completion of the entire year.

This course will **not** meet the NCAA requirements for Social Studies.

This course will provide an understanding of business marketing, advertising, branding, and public relations as it relates to the current business world. Students will discover, analyze and develop advertising and marketing strategies ranging from small business to large corporations. The principles of business economics will be addressed such as supply, demand, forms of business competition and the various functions of buyers and sellers in the marketplace. Participation in FBLA (Future Business Leaders of America) or DECA (Distributive Education Clubs of America) is recommended.

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BT400 ADVANCED BUSINESS

**BT401 BUSINESS CO-OP**

Advanced Business and Business CO-OP are to be taken concurrently.

<table>
<thead>
<tr>
<th>Grade:</th>
<th>12</th>
<th>1 Year</th>
<th>3 Credits</th>
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</thead>
</table>

**Prerequisite:** Application and approval

Can be taken for dual credit

This course will meet District graduation requirement for Economics and/or CTE upon completion of the entire year.

Two elective credits will be issued for the work portion of the course.

This course will **not** meet the NCAA requirements for Social Studies.

This course will provide opportunities for students to develop solid business and technology skills. It will be integrated with the Future Business Leaders of America (FBLA) curriculum. The classroom instruction and activities will reflect on the student’s work-based learning experiences such as the practice of employment skills, understanding of personal responsibilities and accountability, exploring business law and ethics, strengthening oral and written skills, investigating economic principles and developing a personal career plan. Participation in FBLA is recommended.

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BT405 ADVANCED MARKETING

**BT406 MARKETING CO-OP**

Advanced Marketing CO-OP are to be taken concurrently.

<table>
<thead>
<tr>
<th>Grade:</th>
<th>12</th>
<th>1 Year</th>
<th>3 Credits</th>
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</thead>
</table>

**Prerequisite:** Marketing Education, application and approval

Two elective credits will be issued for the work portion of the course.

Can be taken for dual credit

This course will provide students the opportunity to apply marketing skills within their vocational program through one period of classroom instruction each day and at least 15 hours of work experience each week. The course will provide experience in selling, customer service, or advertising.

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BT510 BROADCASTING AND VIDEO PRODUCTION I

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<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</table>

**Fee:** $30.00

Can be taken for dual credit

Elective or CTE credit will be issued for this course.

This course will introduce the basic skills of TV broadcast technology. Students will write and produce programs for the school and broadcast the daily announcements.
BT511 BROADCASTING AND VIDEO PRODUCTION II

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Broadcasting and Video Production I or application and approval</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$30.00</td>
<td></td>
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<tr>
<td>Can be taken for dual credit</td>
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<tr>
<td>Elective or CTE credit will be issued for this course.</td>
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</table>

This course will encompass the production of videos and documentation of important events and school activities. Students will learn how to plan video content, handle administrative activities, write scripts, edit video and create graphics.

BT512 BROADCASTING AND VIDEO PRODUCTION III

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Broadcasting and Video Production II or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$30.00</td>
<td></td>
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<tr>
<td>Elective or CTE credit will be issued for this course.</td>
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<tr>
<td>This course may be repeated for credit but not for grade change.</td>
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</table>

This course will further enhance student’s production experience in writing, producing, directing, and performing. Students will also produce commercials, public service announcements, highlight reels, news, and feature pieces for the TV broadcast. Students will learn advanced editing techniques and graphic skills using industry-standard software and equipment. Participation in SkillsUSA is recommended.

BT600 TAKE ONE: ESSENTIALS OF DIGITAL MEDIA

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective or CTE credit will be issued for this course.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$30.00</td>
<td></td>
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</tbody>
</table>

This course will provide students with an exposure to career pathways in the area of Film and Digital Media Production. Emphasis will be placed on video editing, special effects, lighting, camera operation/maintenance, studio operations, broadcast engineering and audio production. An integrated approach to teaching and learning is provided as students enhance their technical knowledge and skills associated with the functions of multimedia technologies. This course will emphasize critical thinking, academic, interpersonal relations, life management, and leadership skills for the 21st century workplace.

BT601 TAKE TWO: APPLICATIONS OF DIGITAL MEDIA

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee:</td>
<td>$30.00</td>
<td></td>
<td></td>
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<tr>
<td>This course will meet computer proficiency requirement upon completion of entire year.</td>
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</tbody>
</table>

This course will provide students an opportunity to learn advanced techniques in video and sound editing software. Studio production including lighting, boom and sound board operations, tri-caster broadcasting, teleprompter operation and graphic design will be emphasized. Story writing will be the foundation of all production and include school wide and individual organization event coverage.

**ENGINEERING**

All courses in this department will meet the District requirement for Career and Technical Education Credit.

SC200 INTRODUCTION TO ENGINEERING AND DESIGN

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Strong math and science background</td>
<td></td>
<td></td>
</tr>
<tr>
<td>This course will meet computer proficiency requirement.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Elective or Career and Technical Education credit will be issued for this course.</td>
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</tr>
</tbody>
</table>

This course will focus on the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work and communicate solutions to peers and members of the professional community. This is the first course in a sequence offered by Project Lead the Way.
SC201 PRINCIPLES OF ENGINEERING  
**DRHS & MHS ONLY**

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

**Prerequisite:** Introduction to Engineering and Design

_Elective or Career and Technical Education credit will be issued for this course._

This course will include instruction to help students understand the field of manufacturing processes. Students will learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. This course will include concerns about social and political consequences of technological change. This is the second course in a sequence offered by Project Lead the Way.

SC202W DIGITAL ELECTRONICS  
**DRHS ONLY**

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
</table>

**Prerequisite:** Principles of Engineering and teacher approval. A strong background in science and engineering is also recommended.

**Fee:** $20.00

_Elective or Career and Technical Education credit will be issued for this course._

This course, in applied logic, will encompass the application of electronic circuits and devices. Computer simulation software will be used to design and test digital circuitry prior to the actual construction of circuits and devices. This is the third course in a sequence offered by Project Lead the Way.

SC203W ENGINEERING DESIGN AND DEVELOPMENT  
**DRHS ONLY**

<table>
<thead>
<tr>
<th>Grades: 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
</table>

**Prerequisite:** Introduction to Engineering and Design, Principles of Engineering, Digital Electronics or teacher approval. A strong background in science and engineering is also recommended.

_Can be taken for dual credit_

This capstone course will emphasize engineering research. Students will work in teams to research, design, and construct a solution to an open-ended engineering problem. Students will apply principles developed in the preceding courses and are guided by a community mentor. Students will present progress reports, submit a final written report and defend their solution to a panel of outside reviewers at the end of the school year. This is the final course in a sequence offered by Project Lead the Way.

SC204W AEROSPACE ENGINEERING  
**MHS ONLY**

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
</table>

**Prerequisite:** Principles of Engineering, and teacher recommendation. A strong background in science and engineering is also recommended.

_Elective or Career and Technical Education credit will be issued for this course._

This course will propel students’ learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. Students will learn basic orbital mechanics using industry-standard software, and explore robot systems through projects such as remotely operated vehicles.

**FAMILY AND CONSUMER SCIENCES**

_All courses in this department will meet the District requirement for Career and Technical Education Credit._

LM100 CLOTHING I  
**DRHS, GHS & HHS ONLY**

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

**Fee:** $5.00

This course will introduce clothing selection and construction. Basic sewing techniques and the use and maintenance of the sewing machine will be emphasized.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grade Levels</th>
<th>Duration</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LM101</td>
<td>CLOTHING II</td>
<td>9, 10, 11, 12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Clothing I</td>
<td>Fee: $5.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>This course may be repeated for credit but not for grade change.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>This course will emphasize advanced detailed clothing construction techniques. Consumer topics include textile fibers, wardrobe planning, and selection of fabric and patterns for various body types.</td>
<td></td>
</tr>
<tr>
<td>LM102</td>
<td>DESIGN &amp; MERCHANDISING I – FUNDAMENTALS OF INTERIOR AND FASHION DESIGN</td>
<td>9, 10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Fee: $30.00</td>
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<td></td>
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<td></td>
<td>This course will introduce students to the technical knowledge and skills associated with design principles, production, selection, marketing principles, display, purchase, sales, promotion, construction, textiles science and business practices.</td>
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</tr>
<tr>
<td>LM103</td>
<td>DESIGN &amp; MERCHANDISING II – FASHION</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Design and Merchandising I: Fundamentals of Design</td>
<td>Fee: $30.00</td>
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<td></td>
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<td></td>
<td>This course will allow students to gain further knowledge of the fashion and design industry and apply the skills learned in Design &amp; Merchandising I through projects focused on the fashion field.</td>
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</tr>
<tr>
<td>LM104</td>
<td>DESIGN &amp; MERCHANDISING II – INTERIOR DESIGN</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Design and Merchandising I: Fundamentals of Design</td>
<td>Fee: $30.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>This course will allow students to gain further knowledge of the interior design industry and apply the skills learned in Design &amp; Merchandising I through projects focused on the interior design field.</td>
<td></td>
</tr>
<tr>
<td>LM106</td>
<td>CULINARY ARTS I</td>
<td>9, 10, 11, 12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Fee: $25.00</td>
<td></td>
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<td></td>
<td>This course will provide instruction in meal preparation, basic nutrition and health food selection. Healthy cooking principles, safety and sanitation, proper use of equipment, and basic workplace skills will also be covered.</td>
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</tr>
<tr>
<td>LM107</td>
<td>CULINARY ARTS II</td>
<td>9, 10, 11, 12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Culinary I</td>
<td>Fee: $25.00</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>This course will incorporate advanced cooking and baking techniques, i.e., pastries, yeast breads, beef, fish, poultry, and cheese. Students will also use technology for presentations and learn basic cake decorating techniques along with continuing development of workplace skills.</td>
<td></td>
</tr>
<tr>
<td>LM108</td>
<td>CULINARY ARTS III</td>
<td>10, 11, 12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Prerequisite: Culinary II</td>
<td>Fee: $25.00</td>
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<tr>
<td></td>
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<td>This course will allow students to put their artistic skills to use through meal and menu planning, regional foods, knife skills, garnishing, plating and career exploration. Field trips and guest speakers will be featured throughout the semester, along with opportunities to cater events for the school and community. Students will need to obtain their Food Service Worker card, either through class or on their own. Participation in a Career and Technical Student Organization (CTSO) is recommended.</td>
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</tbody>
</table>
LM109 CULINARY ARTS IV

Grades: 10, 11, 12  
Prerequisite: Culinary III  
Fee: $25.00  

This course may be repeated for credit but not for grade change.

This course will introduce students to foreign foods, the food service industry, menu planning, fine dining and customer relations. There will be a larger focus on employability in the food industry, career exploration and opportunities to cater events in the school/community. Students will need to obtain their Food Service Worker card, either through class or on their own. Participation in a Career and Technical Student Organization (CTSO) is recommended.

LM500 CULINARY ARTS V  

Grades: 11, 12  
Prerequisite: Culinary IV or teacher recommendation  
Fee: $25.00 per semester  

This course may be repeated for credit but not for grade change.

This course will cover cooking techniques and preparation methods for cakes, pies, and simple desserts as well as production of doughs and breads. Also included are the preparation of various bakery sauces and toppings, uses of chocolate and appropriate presentation methods for various types of desserts. Participation in a Career and Technical Student Organization (CTSO) is recommended.

LM110 EARLY CHILDHOOD EDUCATION I – CHILD DEVELOPMENT  

Grades: 9, 10, 11, 12  
Fee: $10.00  

This course will examine human growth and development. It will be an in-depth study of parenting, pregnancy, and children during the first year of life. Positive parenting skills will be stressed. Students will study the importance of healthy families in today's society.

LM111 EARLY CHILDHOOD EDUCATION II – INTRO TO TOYBOX  

Grades: 9, 10, 11, 12  
Fee: $10.00  

This course will address children's growth and development from one to six years of age. Emphasis will be on the development of the young child including physical, social, intellectual, and emotional development. Students will participate in preschool observation and hands-on activities. This course is for students who are interested in a career dealing with children and is a prerequisite for the TOYBOX program. Participation in the Career and Technical Student Organization (CTSO) Future Educators of America (FEA) is recommended.

LM112 TEACHER PREPARATION PROGRAM I  

Grades: 10, 11, 12  
Fee: $10.00  
Can be taken for dual credit  

This course will allow students to explore teaching and related fields (i.e., counseling, social work, etc.) as career options. It will provide an overview of the many facets of the teaching profession including special education, human growth and development, how the brain learns, cultural diversity, and a history of American education. Students will also spend 30 hours of class time as an intern at an elementary or junior high school. Participation in the Career and Technical Student Organization (CTSO) Future Educators of America (FEA) is recommended.

LM113 TEACHER PREPARATION PROGRAM II  

Grades: 11, 12  
Prerequisite: Teacher Preparation Program I  
Fee: $10.00  

This course may be repeated for credit but not for grade change.

This course will prepare students to work in the field of education. Students will investigate the teaching profession on a deeper level through field experiences as well as personal portfolios. Students will also spend 30 hours of class time as an intern at an elementary or junior high school. Participation in the Career and Technical Student Organization (CTSO) Future Educators of America (FEA) is recommended.
LM300/301 EARLY CHILDHOOD EDUCATION III – TOYBOX/TOYBOX LAB

TOYBOX Class and TOYBOX LAB are to be taken concurrently.

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>2 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Intro to TOYBOX or Teacher Preparation I or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$10.00</td>
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</table>

Can be taken for dual credit
This course may be repeated for credit but not for grade change.

This course will provide students on-the-job training in the high school TOYBOX childcare lab. Students will be teaching, supervising, and using positive methods of discipline. They will also study day-care operations. This experience will enable them to secure a job in childcare services. Participation in a Career and Technical Student Organization (CTSO) is recommended.

LM400 ADVANCED FACS
LM401 HERO CO-OP

Advanced FACS and HERO CO-OP are to be taken concurrently.

<table>
<thead>
<tr>
<th>Grade:</th>
<th>12</th>
<th>1 Year</th>
<th>3 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00</td>
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</table>

This course will meet District graduation requirements for Economics and/or Career and Technical Education upon completion of the entire year.
Two elective credits will be issued for the work portion of the course.
This course will not meet the NCAA requirements for Social Studies.

This course will teach students to apply personal employability skills necessary to succeed in the work place. Junior Achievement Applied Economics course materials will be used. One hour of daily classroom activities and a supervised work experience of a minimum of 15 hours per week will offer opportunities for students to earn high school credit while earning wages. Participation in Family, Careers and Community Leaders of America (FCCLA) Club is recommended.

INDUSTRIAL EDUCATION

All courses in this department will meet the District requirement for Career and Technical Education Credit.

IE107 FUNDAMENTALS OF WOODWORKING TECHNOLOGY AND CONSTRUCTION

HHS & MHS ONLY

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee:</td>
<td>$30.00</td>
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</table>

This course is an exciting introduction to the world of woodworking and construction. Students will create plans, operate equipment, explore applications and build fun projects. Students will be introduced to hands-on applications in building trades in semester two. Career and occupational standards are taught in framing, plumbing, electrical, sheetrock and home maintenance. An emphasis will be placed on safety. Participation in SkillsUSA is recommended.

IE108 ADVANCED WOODWORKING TECHNOLOGY

HHS & MHS ONLY

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Fundamentals of Woodworking Technology and Construction or application and approval</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$40.00</td>
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</tbody>
</table>

This course will provide students the opportunity to acquire hands-on experience in building cabinetry. Students will plan and build projects, operate computer controlled equipment, and explore career options. Participation in SkillsUSA is recommended.
IE109 FURNITURE DESIGN AND MANUFACTURING  
**HHS & MHS ONLY**  
**Grades:** 11, 12  
**1 Year**  
**1 Credit**  
**Prerequisite:** Advanced Woodworking Technology or application and approval  
**Fee:** $40.00  
*This course may be repeated for credit but not for grade change.*  
This course will provide students the opportunity to expand their expertise in the field of furniture design and fine woodworking. Students will design projects, calculate costs, work with plans, and apply their knowledge by building cabinets and furniture. Participation in SkillsUSA is recommended.

IE110 AUTOMOTIVE TECHNOLOGY I  
**GHS & HHS ONLY**  
**Grades:** 10, 11, 12  
**1 Year**  
**1 Credit**  
**Fee:** $25.00  
This course will provide students with hands-on experience in automotive maintenance and repair. Topics will include preventive maintenance, tires, electrical/electronic systems, tune-ups, brakes, and engine operations. Safety will be emphasized. Participation in SkillsUSA is recommended.

IE111 AUTOMOTIVE TECHNOLOGY II  
**GHS & HHS ONLY**  
**Grades:** 11, 12  
**1 Year**  
**1 Credit**  
**Prerequisite:** Automotive Technology I or application and approval, grade of C or better in Auto I  
*This course may be taken concurrently with Automotive Technology III.*  
*Can be taken for dual credit*  
**Fee:** $25.00  
This course will expose students to a real-world work environment. Students will enhance their troubleshooting and repair skills. Safety will be emphasized. Participation in SkillsUSA is recommended.

IE112 AUTOMOTIVE TECHNOLOGY III  
**GHS & HHS ONLY**  
**Grades:** 12  
**1 Year**  
**1 Credit**  
**Prerequisite:** Automotive Technology II or application and approval  
**Fee:** $25.00  
*Can be taken for dual credit*  
*This course may be repeated for credit but not for grade change.*  
This course will provide an advanced study of the automotive repair industry. Topics will include the management and leadership skills needed to be successful in the automotive industry, including performance and aftermarket modifications. Safety will be emphasized. Participation in SkillsUSA is recommended.

IE120 3D MODELING/COMPUTER AIDED DESIGN (CAD) I  
**HHS & MHS ONLY**  
**Grades:** 9, 10, 11, 12  
**1 Year**  
**1 Credit**  
**Fee:** $20.00  
*Can be taken for dual credit*  
This course will cover the use of 3D rendering software to design and create prototypes of products and/or architectural models. Students will study designing, drawing, and building models whether architectural or mechanical. Participation in SkillsUSA is recommended.

IE121 3D MODELING/COMPUTER AIDED DESIGN (CAD) II  
**HHS & MHS ONLY**  
**Grades:** 10, 11, 12  
**1 Year**  
**1 Credit**  
**Prerequisite:** CAD-Drafting I  
**Fee:** $20.00  
*Can be taken for dual credit*  
This course will provide students an opportunity to further enhance their knowledge in the areas of 3D rendering, creating prototypes of products, and building architectural models. Students will continue studies in designing, drawing, and building models whether architectural or mechanical. Participation in SkillsUSA is recommended.
IE130 FUNDAMENTALS OF ENGINEERING/NEW PRODUCT DESIGN  MHS ONLY
Grades: 9, 10, 11, 12  1 Year  1 Credit
Fee: $25.00
This course will examine engineering design and development processes, and technological systems. Students will be introduced to manufacturing processes and materials in a project-centered environment. Participation in SkillsUSA is recommended.

IE131 ENGINEERING PRINCIPLES/ADVANCED PRODUCT DESIGN  MHS ONLY
Grades: 10, 11, 12  1 Year  1 Credit
Prerequisite: 3-D Modeling & Prototyping I or CAD Drafting I or II or Fundamentals of Engineering/Applied Technology or Electronics/Robotics or Manufacturing with Materials I
Fee: $40.00
This course will integrate math, science, and physics into applied problem-based learning projects. Students will learn design, basic electronics, automation, and integrated manufacturing systems through hands-on projects. Participation in SkillsUSA is recommended.

IE132 ENGINEERING, AUTOMATION AND MANUFACTURING  MHS ONLY
Grades: 11, 12  1 Year  1 Credit
Prerequisite: Engineering Principles
Fee: $40.00
This course will integrate math, science, and physics into applied problem-based learning projects. Students will apply advanced design concepts in automation and integrated manufacturing systems projects. Participation in SkillsUSA is recommended.

IE140 ELECTRONICS/ROBOTICS I  MHS ONLY
Grades: 9, 10, 11, 12  1 Year  1 Credit
Fee: $30.00
This course will provide instruction in electronic, robotic and electrical systems. Topics will include electronic systems, programmable robots, metal and wood fabrications, and CAD work projects. Instruction will include the use of 3D Cad software packages, Programmable Logic Controllers and Robot teaching programs. Participation in SkillsUSA is recommended.

IE141 ELECTRONICS/ROBOTICS II  MHS ONLY
Grades: 10, 11, 12  1 Year  1 Credit
Prerequisite: Electronics/Robotics I or application and approval
Fee: $40.00
This course may be repeated for credit but not for grade change.
This course will provide students an opportunity to further enhance their knowledge in the areas of electronics, robotics, and electrical systems. Students will continue studies in electronic systems, programmable robots, metal, plastic, and wood fabrications including CAD and 3D modeling software. Instruction will include the use of word processing, spreadsheet, presentation, and publishing software, computer aid design, programmable logic controllers, robotic teaching programs, and electronics design and implementation. Participation in SkillsUSA is recommended.

IE200 COMPUTER REFURBISHING I – STUDENTS RECYCLING USED TECHNOLOGY (StRUT I)  GHS ONLY
Grades: 10, 11, 12  1 Year  1 Credit
Fee: $20.00
Can be taken for dual credit
This course will meet computer proficiency requirement upon completion of entire year
This course will introduce basic computer hardware repair and refurbishing. Instruction will include troubleshooting, adding memory, replacing motherboards, central processing unit (CPU), hard drives, floppy drives and upgrading computer technology. Students will set up computers, including installation of operating systems, applications, and use of word processing, spreadsheet, presentation and publishing software. Participation in SkillsUSA is recommended.
**IE201 COMPUTER REFURBISHING II – STUDENTS RECYCLING USED TECHNOLOGY** *(StRUT II)*

**Prerequisite:** StRUT I or application and approval

*Can be taken for dual credit*

*This course may be repeated for credit but not for grade change.*

This course will provide students the opportunity to develop expertise to become a computer technician. Students will be prepared to pass the industry specific assessment(s) identified as an entry level certificate commonly known as the A+ Certification credential. Participation in SkillsUSA is recommended. The AZStRUT program will provide funding for the A+ assessments, which is approximately $300.00 per student.

**IE400 ADVANCED INDUSTRIAL EDUCATION**

IE401 INDUSTRIAL EDUCATION CO-OP are to be taken concurrently.

**Grades:** 12

**1 Year**

**3 Credits**

**Prerequisite:** Application and approval

*Can be taken for dual credit*

*This course will meet District graduation requirement for Economics and/or Fine Arts upon completion of the entire year.*

*Two elective credits will be issued for the work portion of the course.*

*This course will not meet the NCAA requirements for Social Studies.*

This course will provide the opportunity for students to apply employment skills necessary in the workplace. Junior Achievement Applied Economics course materials will be used. A supervised work experience of at least 15 hours per week will be a part of the course. Work ethic and self-esteem will be emphasized. Participation in SkillsUSA is recommended.

**JOURNALISM**

*All courses in this department will meet the District requirement for Career and Technical Education Credit.*

**EN515 JOURNALISM I**

**Grades:** 9, 10, 11, 12

**1 Year**

**1 Credit**

**Prerequisite:** Application and approval

*Elective credit will be issued for this course.*

This course will introduce basic journalism skills. Writing design and layout is emphasized.

**EN516 JOURNALISM II**

**Grades:** 10, 11, 12

**1 Year**

**1 Credit**

**Prerequisite:** Journalism I, application and approval

*Elective or CTE/FA4 credit will be issued for this course.*

*This course may be repeated for credit but not for grade change.*

This course will incorporate the skills learned in Journalism I through the publication of the school newspaper.

**EN520 YEARBOOK I**

**Grades:** 9, 10, 11, 12

**1 Year**

**1 Credit**

**Prerequisite:** Application and approval

*Elective credit will be issued for this course.*

This course will introduce the basics of reporting, layout design, photography, and business management for the production of a yearbook.
EN521 YEARBOOK II

Grades: 10, 11, 12 1 Year 1 Credit
Prerequisite: Yearbook I, application and approval

CTE/FA credit will be issued for this course.
This course will meet computer proficiency requirement upon completion of the entire year.

This course will incorporate skills learned in Yearbook I to produce a high-quality, nationally competitive, 21st century yearbook. Students will have an opportunity to become proficient in project management budgeting, marketing, sales, product distribution, event planning, team building, advanced publishing and editing using industry standard software and techniques.

EN522 YEARBOOK III

Grades: 11, 12 1 Year 1 Credit
Prerequisite: Yearbook II, application and approval

CTE/FA credit will be issued for this course.
This course may be repeated for credit but not for grade change.

This course will incorporate skills learned in Yearbook II to produce a high-quality, nationally competitive, 21st century yearbook. Students will work more independently as they become more proficient in project management budgeting, marketing, sales, product distribution, event planning, team building, advanced publishing and editing using industry standard software and techniques.

PHOTOGRAPHY

All courses in this department will meet the District requirement for Career and Technical Education Credit.

VA141 PHOTO IMAGING I

Grades: 9, 10, 11, 12 1 Semester 1/2 Credit
Fee: $40.00
This course will satisfy one-half fine arts credit for Arizona university entrance requirements.

This course will introduce the use of manually adjusted cameras, and the development of black and white film. Students will receive instruction in lighting, composition, exposure, and history.

VA142 PHOTO IMAGING II

Grades: 9, 10, 11, 12 1 Semester 1/2 Credit
Prerequisite: Photo Imaging I
Fee: $40.00
Can be taken for dual credit
This course will satisfy one-half fine arts credit for Arizona university entrance requirements.

This course will address advanced techniques including developing, retouching, and printing of student photographs. Topics include advanced aspects of black and white film photography, digital photography, darkroom printing techniques, and imaging software. Students will begin to explore various aesthetic domains such as portraiture, landscape, architecture, and documentary photography.

VA143 PHOTO IMAGING III

Grades: 10, 11, 12 1 Semester 1/2 Credit
Prerequisite: Photo Imaging II or application and approval
Fee: $40.00
Can be taken for dual credit
This course will satisfy one-half fine arts credit for Arizona university entrance requirements.

This course will place emphasis on production of a college-level portfolio and introduce color, large format, and advanced techniques.
### VA144 PHOTO IMAGING IV

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Photo Imaging III</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$40.00</td>
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</tbody>
</table>

*This course will satisfy one-half fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This course will provide students the opportunity to complete independent contracts or assignments. Topics will be selected through student consultation with the instructor.

### VA145 PHOTOJOURNALISM

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<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Photo Imaging II or application and approval</td>
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</table>

*This course may be repeated for credit but not for grade change.*

This course will teach students the skills necessary to provide all photos for school publications, including yearbook, multimedia, video productions, and the student newspaper. Extensive after-school and evening commitments will be expected. The major topics will include all aspects and techniques of photojournalism.

### VA146 DIGITAL PHOTOGRAPHY I

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee:</td>
<td>$40.00 per semester</td>
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</table>

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

*Upon successful completion of this course, computer credit will be issued.*

This course will provide an introduction to digital photography. Major topics will include digital imaging equipment, image capture and transfer, color theory, composition and digital manipulation in camera and image editing software. Advanced digital imaging concepts such as digital single lens reflex cameras will also be explored. Projects include commercial and advertising photography as well as a portfolio creation.

### VA147 DIGITAL PHOTOGRAPHY II

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Digital Photography I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$40.00 per semester</td>
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</tbody>
</table>

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

This course will allow students to develop advanced camera and image editing skills. Advanced digital imaging concepts such as digital single lens reflex cameras will be explored. Projects include commercial and advertising photography as well as a portfolio creation.

### VA148 DIGITAL PHOTOGRAPHY III

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Digital Photography II</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$40.00 per semester</td>
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</table>

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This course will allow students to choose an area of concentration: portrait studio, wedding, photojournalism, sports, fine arts and crafts, commercial, or other photography area. Students will develop a business model for success and will have intense practice and real world study in the chosen area. By the end of the year, students will demonstrate the actualization of their business model with real world clients and experiences. Photographic assignments to prepare for AP photography portfolio will also be included.
VA149W AP STUDIO ART – 2 D DESIGN/PHOTOGRAPHY

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Photo Imaging I, II, III, &amp; IV or Digital Photography I, II, &amp; III or application and approval</td>
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<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$40.00 per semester</td>
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</table>

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

This course will focus on portfolio submission in the 2D Design-AP Studio Art Exam. Students will explore advanced use of camera and image editing software, as well as media exploration, and thematic development. The 2D Design portfolio consists of 24-29 images divided into three sections – Breadth, Quality, and Concentration. **Only students planning to submit their photographic portfolio to the College Board Advanced Placement Exam should take this course.**

**SPORTS MEDICINE**

*All courses in this department will meet the District requirement for Career and Technical Education Credit.*

**PE500 SPORTS MEDICINE I**

<table>
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<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Lab Biology</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$10.00</td>
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</table>

*Elective or Career and Technical Education credit will be issued for this course.*

This course will provide students interested in a medical field the opportunity to study athletic training. Students will have the option of working with athletic teams.

**PE501 SPORTS MEDICINE II**

<table>
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<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Sports Medicine I</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$10.00</td>
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</tbody>
</table>

*Elective or Career and Technical Education credit will be issued for this course.*

*Can be taken for dual credit*

*This course may be repeated for credit but not for grade change*

This course will include advanced training in therapy, assessment, and use of modalities to treat athletic injuries. Students will be working with athletic teams.

**PE502 SPORTS MEDICINE III**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Concurrent enrollment in Sports Medicine II</td>
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</tbody>
</table>

*Elective or Career and Technical Education credit will be issued for this course.*

This course will allow students to experience multiple medical fields within sports medicine through field experience. While transitioning from one industry partner to another, students will have time to articulate a senior capstone project on a topic of their choosing. Each medical field will allow the students to incorporate specific knowledge from that industry setting into their capstone project. The capstone will include a written paper, computer presentation, and defense of the research in front of industry people and any school administration.

**TECHNICAL THEATRE**

*All courses in this department will meet the District requirement for Career and Technical Education Credit.*

**PA180 INTRODUCTION TO TECHNICAL THEATRE**

<table>
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<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

This course will provide students with a study of all fundamentals involved in theatre production. Major topics include scenic design and construction, aesthetic values in theatre, theatre history, sound, lighting, costume, and makeup design, and stage management. Students will work in the classroom, auditorium, and scene shop applying their knowledge to hands-on projects in theatre arts. After-school, evening, and weekend commitments may be expected.
PA181 ADVANCED TECHNICAL THEATRE

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Completion of Introduction to Technical Theatre, application and approval</td>
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<tr>
<td>This course will satisfy one fine arts credit for Arizona university entrance requirements.</td>
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<tr>
<td>This course may be repeated for credit but not for grade change.</td>
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</table>

This course will allow students to integrate prior knowledge of stage management, scenic construction, stage lighting, costume construction, sound, and apply it to the design and implementation of theatrical productions. Students will work in the classroom, auditorium, and scene shop. After-school, evening and weekend commitments may be expected.

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ENGLISH

A reading list for each of the following courses is will be available on the District website.

EN105 ENGLISH I

<table>
<thead>
<tr>
<th>Grade:</th>
<th>9</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
</table>
This course will integrate reading, writing, speaking, listening and language skills using a thematic based approach. Through a Pre-AP curriculum, all students are taught strategies to effectively read both fiction and nonfiction and respond through varied writing activities.

EN110W HONORS ENGLISH I

<table>
<thead>
<tr>
<th>Grade:</th>
<th>9</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Placement may be based on a predetermined score on a district-approved test or teacher recommendation</td>
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</tbody>
</table>
This course will integrate reading, writing, speaking, listening and language skills using a thematic based approach. Advanced writing skills and reading strategies will be emphasized through the use of a Pre-AP curriculum, including formal writing workshops and independent reading of multiple literary genres. Honors students are expected to complete a summer reading project. Required summer reading lists will be available on the District website.

EN205 ENGLISH II

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<tr>
<th>Grade:</th>
<th>10</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
</table>
This course will emphasize the universal themes in world and multicultural literature with an emphasis on critical reading skills. The writing skills of drafting, revising, and proofreading will be emphasized.

EN201/SS201 ENGLISH II/WORLD STUDIES

<table>
<thead>
<tr>
<th>Grade:</th>
<th>10</th>
<th>1 Year</th>
<th>2 Credits</th>
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</thead>
</table>
HHS ONLY
TWO-HOUR BLOCK |
This course will combine English II and World Studies through a universally thematic and cross-curricular perspective. This course will be taught by two teachers, one from each discipline. Reading selections will represent authors and cultures from around the globe and will tie closely to the scope and sequence of World Studies. Acquisition of skills, such as outlining, drafting, revising, and proofreading, will be emphasized. Both disciplines will focus on the use and understanding of the AIMS 6-trait rubric and critical analysis of world themes.

EN210W HONORS ENGLISH II

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<tr>
<th>Grade:</th>
<th>10</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Placement may be based on a predetermined score on a district-approved test or teacher recommendation</td>
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</table>
This course will develop the essay and language skills required for entry into advanced placement programs in English. World literature will be used as the basis for the reading and writing activities. Composition skills will be emphasized. Required summer reading lists will be available on the District website.
EN305 ENGLISH III
Grade: 11 1 Year 1 Credit
This course will cover American themes, authors, and literary movements with an emphasis on combining analytical thinking skills with essay writing.

EN310W AP ENGLISH III – LANGUAGE AND COMPOSITION
Grade: 11 1 Year 1 Credit-Weighted Grade
The course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Only students planning to take the Advanced Placement Exam should take this course. Required summer reading lists will be available on the District website.

EN301/SS301 ENGLISH III/AMERICAN/ARIZONA HISTORY  TWO-HOUR BLOCK
Grade: 11 1 Year 2 Credits
This course will combine the curriculum of American/Arizona History and American Literature into an interdisciplinary, cross-curricular program of study. This course will be taught by two teachers, one from each discipline. Students will be involved in simulations, research, and other special projects. Composition skills will be emphasized.

EN405 ENGLISH IV
Grade: 12 1 Year 1 Credit
This course will develop students’ writing and critical reading skills for both work force and college-level application. Students will write arguments, expository/informative texts and narratives on various, real-world topics. Students will develop their critical reading skills as they apply to both literary and informational texts. Readings selected by the teacher will be relevant to the students’ current and future lives, both at the collegial/work-force level and as active citizens.

EN411W AP ENGLISH IV – LITERATURE AND COMPOSITION
Grade: 12 1 Year 1 Credit-Weighted Grade
This course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work’s structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Because of the mature reading level, students who are interested in this course may wish to review the reading list. Only students planning to take the Advanced Placement Exam should take this course. Required summer reading lists will be available on the District website.

EN412W AP ENGLISH IV – LITERATURE AND ADVANCED RESEARCH COMPOSITION  CVHS ONLY
Grade: 12 1 Year 1 Credit-Weighted Grade
Prerequisite: AP English III – Language and Composition and a score of 4 or 5 on AP Language and Composition Exam
Can be taken for dual credit
College tuition fee required
Must receive an appropriate level score on college placement exam
This course will combine English IV – English Composition 102 and AP English IV – Literature and Composition and is designed to engage students in the careful reading and critical analysis of imaginative literature and non-fiction texts. The first semester of this course will meet the college course requirement of English 102 and will emphasize rhetoric and composition with a focus on persuasive, research-based writing, and understanding writing process. By the end of the first semester, students will develop advanced college-level writing skills and research strategies consistent with university expectations. Students will be closely reading selected texts that deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work’s structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Because of the mature reading level, students who are interested in this course may wish to review the reading list. Only students who are planning to receive dual credit for first semester and are planning to take the Advanced Placement Exam at the end of the course should enroll.
EN417 ENGLISH IV - ENGLISH COMPOSITION 101

<table>
<thead>
<tr>
<th>Grade: 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
<tbody>
<tr>
<td>Must be taken for dual credit</td>
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<td></td>
</tr>
<tr>
<td>College tuition fee required</td>
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<tr>
<td>Must receive an appropriate level score on college placement exam</td>
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</table>

This course will cover the grammatical and rhetorical structure as it applies to effective writing. Frequent writing assignments will be an integral part of this course.

EN418 ENGLISH IV - ENGLISH COMPOSITION 102

<table>
<thead>
<tr>
<th>Grade: 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite: Grade of “C” or better in English Composition 101</td>
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<tr>
<td>Must be taken for dual credit</td>
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<td></td>
</tr>
<tr>
<td>College tuition fee required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Must receive an appropriate level score on college placement exam</td>
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</table>

This course will emphasize rhetoric and composition with a focus on persuasive, research-based writing and understanding writing as a process. Students will develop advanced college-level writing skills and strategies.

EN500 CREATIVE WRITING

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<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</table>

Elective credit will be issued for this course.
This course may be repeated for credit but not for grade change.
This course does not satisfy Arizona university entrance requirements.

This course will focus on the development of writing skills through the critical analysis of literature and the student's own compositions. Students will also write in a variety of paradigms including the short story, the informal essay, and poetry.

COMMUNICATIONS & MEDIA

EN505 BEGINNING SPEECH

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Elective Credit</th>
</tr>
</thead>
</table>

This course may be repeated for credit but not for grade change.

This course will provide students the opportunity to participate in a wide variety of speaking situations in order to become successful communicators. Beginning speakers are encouraged to observe competitive speaking events.

EN507W FORENSICS: SPEECH AND DEBATE

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<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td>Fee: Not to exceed $300.00 – other expenses may be incurred for significant field trips.</td>
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<tr>
<td>Competition in a minimum of four tournaments is required.</td>
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<tr>
<td>Elective or CTE/FA4 credit will be issued for this course.</td>
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<tr>
<td>This course may be repeated for credit but not for grade change.</td>
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</tbody>
</table>

This course will prepare students for college forensics/speech and debate competitions. Students will learn speech writing, argumentation, philosophy, research and delivery skills as well as literary analysis, interpretation and current events. Students will participate in at least two tournaments per semester.

EN900 WRITING STANDARDS

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite: Recommendation by a counselor or an administrator</td>
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<tr>
<td>This course will meet District graduation requirements for English IV composition for seniors only.</td>
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<tr>
<td>Elective or English credit will be issued for this course.</td>
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<tr>
<td>This course does not satisfy Arizona university entrance requirements.</td>
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</tbody>
</table>

This course will address the composition skills necessary to meet the expectations of the AIMS writing proficiency requirement. Students will work on analytical, research and creative writing. Students will also work on developing grammar, mechanics and vocabulary skills.
**ENGLISH LANGUAGE LEARNERS**

Arizona laws have established guidelines for English Language Learner (ELL) programs. The following courses meet those guidelines.

### EN600 ENGLISH WRITING

**Grades:** 9, 10, 11, 12  
**Prerequisite:** Identification as a Pre-Emergent, Emergent, or Basic English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.

This course will focus on the development of writing skills based on the Arizona English Language Proficiency Standards, the Arizona English Language Standards, and the Gilbert Language Standards. Students will receive one class period of daily intensive English writing instruction designed to prepare them for success in a school where the curriculum is delivered in English.

### EN601 ENGLISH READING

**Grades:** 9, 10, 11, 12  
**Prerequisite:** Identification as a Pre-Emergent, Emergent, or Basic English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.

This course will focus on the development of reading comprehension based on the Arizona English Language Proficiency Standards, the Arizona English Language Standards, and the Gilbert Language Standards. Students will receive one class period of daily intensive English reading instruction designed to prepare them for success in a school where the curriculum is delivered in English.

### EN602 ACADEMIC GRAMMAR

**Grades:** 9, 10, 11, 12  
**Prerequisite:** Identification as a Pre-Emergent, Emergent, or Basic English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.

This course will focus on the development of grammar skills based on the Arizona English Language Proficiency Standards, the Arizona English Language Standards, and the Gilbert Language Standards. Students will receive one class period of daily intensive English grammar instruction designed to prepare them for success in a school where the curriculum is delivered in English.

### EN603 CONVERSATIONAL ENGLISH VOCABULARY

**Grades:** 9, 10, 11, 12  
**Prerequisite:** Identification as a Pre-Emergent, Emergent, or Basic English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.

This course will focus on the development of conversation and grammar skills based on the Arizona English Language Proficiency Standards, the Arizona English Language Standards, and the Gilbert Language Standards. Students will receive one class period of daily intensive conversational English and academic vocabulary instruction designed to prepare them for success in a school where the curriculum is delivered in English.

### EN604/605 ACADEMIC CONVERSATION & VOCABULARY

**Grades:** 9, 10, 11, 12  
**Prerequisite:** Identification as an Intermediate English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.

This course will focus on the development of conversation and academic vocabulary skills based on the Arizona English Language Proficiency Standards, the Arizona English Language Standards, and the Gilbert Language Standards. Students will receive two class periods of daily intensive English conversation and vocabulary instruction designed to prepare them for success in a school where the curriculum is delivered in English.
EN606 ACADEMIC ENGLISH WRITING

Grades: 9, 10, 11, 12 Up to two semesters 1 Credit

Prerequisite: Identification as an Intermediate English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.

This course will focus on the development of writing and grammar skills based on the Arizona English Language Proficiency Standards, the Arizona English Language Standards, and the Gilbert Language Standards. Students will receive one class period of daily intensive academic English writing and grammar instruction designed to prepare them for success in a school where the curriculum is delivered in English.

EN607 ACADEMIC ENGLISH READING

Grades: 9, 10, 11, 12 Up to two semesters Up to 1 Elective Credit

Prerequisite: Identification as an Intermediate English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.

This course will focus on the development of reading comprehension skills based on the Arizona English Language Proficiency Standards, the Arizona English Language Standards, and the Gilbert Language Standards. Students will receive one class period of daily intensive academic English reading instruction designed to prepare them for success in a school where the curriculum is delivered in English.

ESSENTIAL SKILLS

ES101 REAL EXPERIENCE AND LEARNING I MHS ONLY

Grade: 9 1 Semester 1/2 Credit

This course will assist students in developing study skills, behavior modification, personal responsibility, time management, and developing basic job search skills. This course will also cover drug and alcohol prevention strategies and utilizes True Colors, a personality inventory.

ES102 REAL EXPERIENCE AND LEARNING II MHS ONLY

Grade: 10 1 Semester 1/2 Credit

This course will assist students in developing more effective study skills. Topics will include behavioral changes, distinguishing between wants versus needs, and time management. The course also focuses on making good decisions, drug and alcohol prevention, and utilizes True Colors, a personality inventory.

ES103 REAL EXPERIENCE AND LEARNING III MHS ONLY

Grade: 11 1 Semester 1/2 Credit

This course will assist students in developing skills in the areas of work responsibility and maturity, punctuality, consistent attendance, positive attitude and behavior, interpersonal relationships, and completing tasks effectively. This course will incorporate a personality inventory.

ES104 REAL EXPERIENCE AND LEARNING IV MHS ONLY

Grade: 12 1 Semester 1/2 Credit

This course will assist students in developing skills in the five pre-employment areas: making career decisions, using labor market information, applications, resumes, and interviews. This course will also develop the REAL self-portrait for personality analysis.

ES105 LIFE STRATEGIES FOR TEENS I DRHS, GHS & ONLY

Grades: 9, 10, 11, 12 1 Semester 1/2 Credit

This course will provide daily strategies designed to guide students in building better character, in boosting self-confidence, in resisting negative peer pressure, in building good relationships, and in setting and achieving goals.
ES106 LIFE STRATEGIES FOR TEENS II

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
</table>

This course will provide strategies to empower students to make positive changes in their lives. Topics that affect students on a daily basis will be explored. Speakers from outside agencies will discuss life lessons and offer a roadmap for students in making good choices to create productive, happy lives.

ES400 CENTER FOR SUCCESS

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Recommendation by a counselor or an administrator</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The Center for Success will be available to those students who have failed a core class and need the additional math, science, social studies or English credits necessary for graduation. All course work will be a combination of computer lessons, assignments, and tests based on the District curriculum.

FINE ARTS-PERFORMING

All courses in this department will meet the District requirement for Fine Arts Credit.

NOTICE: Students competing in any Fine Arts-Performing course are subject to and governed by the District eligibility rules.

NOTICE: The fees listed below are maximum fees. Please contact the teacher to determine the actual fees required. Fees will be due according to a schedule provided by the teacher.

ORCHESTRA

PA100 CONCERT ORCHESTRA I

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Audition, application and approval, large group ensemble experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00 - $75.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course may be repeated for credit but not for grade change.

This course will introduce the fundamentals of string playing through traditional and contemporary string literature, and will be the entry-level orchestra for string players. Appropriate performance attire will be required.

PA101 CONCERT ORCHESTRA II (CHAMBER)

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Audition, application and approval, large group ensemble experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00 - $160.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course may be repeated for credit but not for grade change.

This course will provide students an opportunity to further their study of traditional and contemporary string literature. It will involve practice and performance preparation. This course will serve as a feeder for the Symphony Orchestra upon acquisition of skills. Appropriate performance attire will be required.

PA105 SYMPHONIC STRINGS

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester (1st)</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Audition, application and approval, large group ensemble experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>Not to exceed $225.00 – Every three or four years, other expenses may be incurred for significant field trips.</td>
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<td></td>
</tr>
</tbody>
</table>

This course will satisfy one-half fine arts credit for Arizona university entrance requirements.

This course may be repeated for credit but not for grade change.

This course will focus on the great string literature of the Baroque, Classical, Romantic and Contemporary style periods. It will involve rigorous practice and performance preparation. Appropriate performance attire will be required.
PA110 SYMPHONY ORCHESTRA

Grades: 9, 10, 11, 12  1 Semester (2nd)  1/2 Credit
Prerequisite: Audition, application and approval, Symphony Orchestra performance experience
Fee: Not to exceed $675.00 – Every three or four years, other expenses may be incurred for significant field trips.
This course will satisfy one-half fine arts credit for Arizona university entrance requirements.
This course may be repeated for credit but not for grade change.

This course will explore symphonic literature of all style periods. It will involve rigorous practice and performance preparation. Appropriate performance attire will be required.

PA115 GOLDEN STRINGS (GHS ONLY)
PA116 STROLLING STRINGS (DRHS & HHS ONLY)
PA117 MESQUITE STRINGS (MHS ONLY)
PA118 COYOTE STRINGS (CVHS ONLY)

Grades: 9, 10, 11, 12  1 Semester (1st)  1/2 Credit
Prerequisite: Audition, application and approval, concurrent enrollment in another orchestra course, and large group ensemble experience
Fee: Not to exceed $25.00 – Every three or four years, other expenses may be incurred for significant field trips.
This course will satisfy one-half fine arts credit for Arizona university entrance requirements.
This course may be repeated for credit but not for grade change.

This course will be group performance oriented with emphasis on strolling strings techniques and contemporary music styles. It will involve a rigorous performance schedule within the school district and surrounding communities. Appropriate performance attire will be required.

VOCAL

PA120 CHORALE

Grades: 9, 10, 11, 12  1 Year  1 Credit
Fee: Not to exceed $75.00
This course will satisfy one fine arts credit for Arizona university entrance requirements.
This course may be repeated for credit but not for grade change.

This beginning, mixed choir course will provide students the opportunity to study literature of all style periods, vocal techniques and musicianship skills. Concert performances will be every 9 weeks. Appropriate performance attire will be required.

PA125 WOMEN’S CHORALE

Grades: 9, 10, 11, 12  1 Year  1 Credit
Fee: Not to exceed $75.00
This course will satisfy one fine arts credit for Arizona university entrance requirements.
This course may be repeated for credit but not for grade change.

This beginning, women’s choir course will provide students the opportunity to study literature of all style periods, vocal technique and musicianship skills. Concert performances will be every 9 weeks. Appropriate performance attire will be required.

PA130 ADVANCED WOMEN’S CHORALE

Grades: 9, 10, 11, 12  1 Year  1 Credit
Prerequisite: Audition, application and approval
Fee: Not to exceed $600.00
This course will satisfy one fine arts credit for Arizona university entrance requirements.
This course may be repeated for credit but not for grade change.

This intermediate, women’s choir course will provide students the opportunity to study literature of all style periods, vocal technique and musicianship skills. This choir will serve as a feeder program for Concert Choir upon acquisition of skills. Concert performances will be every 9 weeks. Appropriate performance attire will be required.
**PA135 CONCERT CHOIR**

Grades: 9, 10, 11, 12  
1 Year  
1 Credit

Prerequisite: Audition, application and approval, performance experience

Fee: Not to exceed $785.00 – Every three or four years, other expenses maybe incurred for significant field trips.

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course may be repeated for credit but not for grade change.

This advanced, mixed choir will provide students the opportunity to study literature of all style periods, advanced vocal techniques and musicianship skills. It will involve a rigorous performance schedule, and travel and competition in state and local events. Appropriate performance attire will be required.

**PA140 ADVANCED VOCAL ENSEMBLE**

Grades: 9, 10, 11, 12  
1 Year  
1 Credit

Prerequisite: Concurrent enrollment in Concert Choir, audition, application and approval

Fee: Not to exceed $200.00

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course may be repeated for credit but not for grade change.

This advanced, mixed ensemble will provide students the opportunity to study chamber choir literature and vocal jazz. It will involve advanced vocal techniques and musician skills, a rigorous performance schedule, and travel and competition in state and local events. Appropriate performance attire will be required.

**PA145 MEN’S CHORALE**

Grades: 9, 10, 11, 12  
1 Year  
1 Credit

Fee: Not to exceed $50.00

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course may be repeated for credit but not for grade change.

This course will feature a study of tenor 1, tenor 2, bass (TTB) literature, and a variety of styles. Appropriate performance attire will be required.

**BAND**

**PA151 VARSITY MARCHING BAND**

Grades: 9, 10, 11, 12  
1 Semester  
1/2 Credit

Prerequisite: Satisfactory participation in Concert Band I or Concert Band II, audition, application and approval

Fee: Not to exceed $800.00 – Every three or four years, other expenses may be incurred for significant field trips.

This course will satisfy one-half fine arts credit for Arizona university entrance requirements.

This course may be repeated for credit but not for grade change.

Upon successful completion of four semesters of Varsity Marching Band, the District requirement for Physical Education will be waived.

This course will explore marching drills, music, routines, and contemporary marching band styles. Other aspects of this course will include performing for local parades, varsity football games, band days, regional and non-regional festivals, regional competitions and pep assemblies. Extensive after-school, evening, and weekend commitments will be expected. Appropriate performance attire will be required.
PA155 JAZZ BAND I

Grades: 9, 10, 11, 12
1 Semester 1/2 Credit DRHS, MHS
1 Year 1 Credit CVHS, GHS, HHS

Prerequisite: Concurrent enrollment in Concert Band I or Concert Band II or Symphonic Band or Wind Ensemble or comparable orchestra class, and audition, application and approval

Fee: Not to exceed $350.00

This course will examine techniques as they relate to instrumental and contemporary jazz literature. Topics will include literature of contemporary and traditional jazz and pop styles. Other aspects of this course will include participation in concerts and community activities. Appropriate performance attire will be required.

PA156 JAZZ BAND II

Grades: 9, 10, 11, 12
1 Semester 1/2 Credit DRHS, MHS
1 Year 1 Credit CVHS, GHS, HHS

Prerequisite: Concurrent enrollment in Concert Band I or Concert Band II or Symphonic Band or Wind Ensemble or comparable orchestra class, and audition, application and approval

Fee: Not to exceed $350.00

This course will examine techniques as they relate to instrumental and contemporary jazz literature. Topics will include literature of contemporary and traditional jazz and pop styles. Other aspects of this course will include participation in concerts and community activities. Appropriate performance attire will be required.

PA159 CONCERT BAND I

Grades: 9, 10, 11, 12
1 Year 1 Credit

Prerequisite: Satisfactory participation in junior high band, audition, application and approval

Fee: Not to exceed $100.00

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This introductory course will address standard band literature. Topics will include literature of contemporary and traditional concert band styles. The course will include participation in local concerts and festivals. Appropriate performance attire will be required.

PA160 CONCERT BAND II

Grade: 9, 10, 11, 12
1 Year 1 Credit

Prerequisite: Satisfactory participation in junior high band or Concert Band I, audition, application and approval

Fee: Not to exceed $100.00

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course will examine standard band literature. Topics will include literature of contemporary and traditional concert band styles. The course will include participation in local concerts and festivals. Appropriate performance attire will be required.

PA165 SYMPHONIC BAND

Grades: 9, 10, 11, 12
1 Year 1 Credit

Prerequisite: Audition, application and approval

Fee: Not to exceed $400.00 – Every three or four years, other expenses may be incurred for significant field trips.

This course will satisfy one-half or one fine arts credit for Arizona university entrance requirements.

This course will cover standard band literature. Topics will include literature of contemporary and traditional concert band styles. This course will include participation in local concerts, regional and non-regional concert festivals. Appropriate performance attire will be required.
PA170 WIND ENSEMBLE

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Audition, application and approval</td>
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<td></td>
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<tr>
<td>Fee: Not to exceed $600.00 – Every three or four years, other expenses may be incurred for significant field trips.</td>
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<tr>
<td>This course will satisfy one-half or one fine arts credit for Arizona university entrance requirements.</td>
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<tr>
<td>This course may be repeated for credit but not for grade change.</td>
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</tbody>
</table>

This course will provide students with a more advanced concert band experience. Topics will include the performance and study of traditional and contemporary works for concert band and wind ensemble. This course will include participation in local concerts, regional and non-regional concert festivals. Appropriate performance attire will be required.

**OTHER**

PA171W AP MUSIC THEORY

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Performance Based Group experience</td>
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<tr>
<td>Elective credit will be issued for this course.</td>
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</tbody>
</table>

This course enables highly motivated students to do college level work in the areas of reading and analyzing notated music and aural training. Particular emphasis will be placed upon developing listening skills, sight singing ability, and knowledge of rhythm, melody, harmony, form, and other compositional devices. The successful student will be endowed with the skills necessary to function intelligently in any musical situation. It is strongly encouraged, but not required, that the music theory student be concurrently enrolled in a performance ensemble for the purpose of applying the skills learned in the class to an active musical environment. Only students planning to take the Advanced Placement Exam should take this course.

**THEATRE**

PA175 BEGINNING THEATRE ARTS

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee: $5.00 per semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attendance at performances may cost up to $20.00.</td>
<td></td>
<td></td>
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<tr>
<td>This course will satisfy one fine arts credit for Arizona university entrance requirements.</td>
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</tbody>
</table>

This course will provide students with a study of the various aspects of theatre performance. Topics will include acting, movement, pantomime, improvisation, theatre history, and play production. Students will have the opportunity to participate in class performances.

PA176 INTERMEDIATE THEATRE ARTS

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Beginning Theatre Arts, audition, application and approval</td>
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<td></td>
</tr>
<tr>
<td>Fee: $5.00 per semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attendance at performances may cost up to $20.00.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>This course will satisfy one fine arts credit for Arizona university entrance requirements.</td>
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</tbody>
</table>

This course will provide students with the experience necessary for promotion into the Advanced Theatre Arts course. Topics will include acting, voice and movement, improvisation, directing, monologue study and audition techniques, and production. Students will have the opportunity to observe professional play performance, participate in class performances, and perform their work outside of class. After-school, evening and weekend commitments may be expected.
PA177 ADVANCED THEATRE ARTS

Grades: 10, 11, 12  1 Year  1 Credit
Prerequisite: Intermediate Theatre Arts, audition, application and approval
Fee: $5.00 per semester
Attendance at performances may cost up to $20.00.
This course will satisfy one fine arts credit for Arizona university entrance requirements.
This course may be repeated for credit but not for grade change.
Can be taken for dual credit

This course will explore acting and play performance including auditioning techniques, voice and diction, dialects, movement specialties, period acting, method acting, improvisation, and performance. Students will have the opportunity to observe professional play performances, do class performances, perform in community outreach programs, and in various competitions. After-school, evening and weekend commitments may be expected.

PA178 PERFORMANCE THEATRE ARTS

Grade: 11, 12  1 Year  1 Credit
Fee: $10.00 per semester
Prerequisite: Successful completion of Advanced Theatre Arts, audition, application and approval
Attendance at performances may cost up to $20.00. Other expenses may be incurred for significant field trips.
This course will satisfy one fine arts credit for Arizona university entrance requirements.
This course may be repeated for credit but not for grade change.

This course will further develop and apply the concepts and objectives introduced in Advanced Theatre Arts and to refine performance skills as they relate to various productions and outreach projects. Emphasis will be placed upon performance, producing one-act plays, participating in acting festivals, and community/school outreach projects. After-school, evening and weekend commitments may be expected.

FINE ARTS-VISUAL

All courses in this department will meet the District requirement for Fine Arts Credit

VA100 ART & DESIGN I

Grades: 9, 10, 11, 12  1 Year  1 Credit
Fee: $20.00 per semester
This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course will introduce students to the basic elements and principles of design. Students will learn drawing techniques emphasizing line, positive/negative space, perspective, value, texture, lettering, and portrait proportion by utilizing black and white media. Students will also explore studies in color and advanced drawing and painting techniques.

VA102 ART & DESIGN II - PAINTING

Grades: 10, 11, 12  1 Year  1 Credit
Prerequisite: Art & Design I
Fee: $25.00 per semester
Can be taken for dual credit
This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course will provide students the opportunity to learn the tools, techniques, and processes of watercolor, acrylic, oil and other various painting media. Historical and current artists will be studied to learn about style, subject matter, and composition. Students will concentrate on student-generated subject matter based on independent student-teacher contracts. Students will work on thematic development, in-depth media exploration and/or student generated problems and solutions.
VA103 ART & DESIGN II - DRAWING

<table>
<thead>
<tr>
<th>Grades:  10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Art &amp; Design I</td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$25.00 per semester</td>
<td></td>
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</tbody>
</table>

This course will provide a comprehensive understanding, appreciation, and exploration of drawing, using both wet and dry media in perspective, landscape, portrait, still life, and figure drawing. Historical aspects, contemporary trends, and art criticism will be studied.

VA104WAP STUDIO ART – DRAWING/PAINTING

<table>
<thead>
<tr>
<th>Grades:  11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Art &amp; Design II Painting or Drawing or application and approval</td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$40.00 per semester</td>
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</tbody>
</table>

This course will focus on portfolio submission to the College Board for 2-D Design - Drawing. Students will explore advanced techniques and materials, media exploration, building concepts, and thematic development. The focus of this class will be on 2-D Design with the use of a variety of materials, emphasizing drawing and painting. Only students planning to submit their portfolio to the College Board Advanced Placement Exam should take this course.

VA110 CARTOONING I

<table>
<thead>
<tr>
<th>Grades:  10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Art &amp; Design I or application and approval</td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$10.00 per semester</td>
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</tbody>
</table>

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course will focus on a variety of cartooning techniques. Students will study basic construction, anthropomorphism, caricature, and the basics of sequential storytelling. Different genres and styles will be explored, as well as character creation.

VA111 CARTOONING II

<table>
<thead>
<tr>
<th>Grades:  11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Cartooning I or application and approval</td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$10.00 per semester</td>
<td></td>
</tr>
</tbody>
</table>

This course may be repeated for credit but not for grade change.

This course will expand on the topics and techniques covered in Cartooning I with a greater focus on character creation, sequential storytelling, illustration and application to art fields.

VA121 CLAY I

<table>
<thead>
<tr>
<th>Grades:  9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
<tbody>
<tr>
<td>Fee:</td>
<td>$30.00</td>
<td></td>
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</tbody>
</table>

This course will satisfy one-half fine arts credit for Arizona university entrance requirements.

This course will provide students with basic clay hand-building methods and decorative techniques. Basic glaze application and various firing techniques will be explored. Students will focus on elements and principles of design with an emphasis on 3-D aspects. Students will further understand their own creative process through art criticism.

VA122 CLAY II

<table>
<thead>
<tr>
<th>Grades:  9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Clay I or application and approval</td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$30.00</td>
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</tbody>
</table>

This course will satisfy one-half fine arts credit for Arizona university entrance requirements.

This course will provide students with basic wheel throwing techniques. Students will focus on creating cylinder-formed objects and bowls, and numerous decorative techniques. Exploration of glazing methods and firing techniques, the elements and principles of design, and critique will continue.
VA123 CLAY III

Grades: 10, 11, 12  
Semester: 1  
Credit: 1/2

Prerequisite: Clay II or application and approval

Fee: $30.00  
Can be taken for dual credit

This course will satisfy one-half fine arts credit for Arizona university entrance requirements.  
This course may be repeated for credit but not for grade change.

This course will provide students with an in-depth study of ceramics, including more advanced throwing and hand-building techniques. This course will also introduce glaze formulation and decoration. Students will continue advanced study of the elements and principles of design and critique.

VA124 CLAY IV

Grades: 10, 11, 12  
Semester: 1  
Credit: 1/2

Prerequisite: Clay III or application and approval

Fee: $30.00  
Can be taken for dual credit

This course will satisfy one-half fine arts credit for Arizona university entrance requirements.  
This course may be repeated for credit but not for grade change.

This course will provide students with a continued in-depth study of ceramics through more advanced throwing, hand building and sculpting techniques. There will be additional studies of the elements and principles of design and critique, focusing on the development of individual expression. Students will assist in mixing both old and new glazes and participate in glaze test firings, as well as loading and unloading kilns.

VA125 3-D ART I

Grades: 9, 10, 11, 12  
Semester: 1  
Credit: 1/2

Fee: $30.00

This course will satisfy one-half fine arts credit for Arizona university entrance requirements.

This course will offer advanced studies in sculptural media concentrating on thematic development for the serious 3-D student with in-depth media exploration and student generated problems and solutions. Advanced studies in soldering, forming, forging, lost-wax casting, and stone setting will also be included.

VA126 3-D ART II

Grades: 9, 10, 11, 12  
Semester: 1  
Credit: 1/2

Prerequisite: 3-D Art I or application and approval

Fee: $30.00  
Can be taken for dual credit

This course will satisfy one-half fine arts credit for Arizona university entrance requirements.  
This course may be repeated for credit but not for grade change.

This course will offer advanced studies in sculptural media concentrating on thematic development for the serious 3-D student with in-depth media exploration and student generated problems and solutions. Advanced studies in soldering, forming, forging, lost-wax casting, and stone setting will also be included.

VA128W AP STUDIO ART – 3 D DESIGN

Grades: 11, 12  
Year: 1  
Credit-Weighted Grade: 1

Prerequisite: Two years of art courses which could include the following: 3-D Art I/II; Clay I/II/III and IV; Metals I/II/III and IV or application and approval

Fee: $40.00 per semester

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course will focus on portfolio submission to the College Board for 3D Design. Students will explore advanced techniques and materials, media exploration, building concepts, and thematic development. The focus of this class will be on sculptural and 3D design with a variety of materials. Only students planning to submit their portfolio to the College Board Advanced Placement Exam should take this course.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grades</th>
<th>Duration</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Fee</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>VA150</td>
<td>NEW MEDIA I</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
<td>Art &amp; Design I or application and approval</td>
<td>$30.00</td>
<td>This course will provide students the opportunity to learn many facets of the digital field. They will learn digital imaging, digital movie making, web page design, digital animation and digital painting. Students will become proficient in camera and image editing, animation, and web development tools.</td>
</tr>
<tr>
<td>VA151</td>
<td>NEW MEDIA II</td>
<td>11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
<td>New Media I or application and approval</td>
<td>$30.00</td>
<td>This course may be repeated for credit but not for grade change.</td>
</tr>
<tr>
<td>VA160</td>
<td>METALS/JEWELRY I</td>
<td>9, 10, 11, 12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
<td></td>
<td>$40.00</td>
<td>This course will satisfy one-half fine arts credit for Arizona university entrance requirements. This course will introduce the design, layout and fabrication of jewelry and small objects in metal and related materials, with an emphasis on elements of design in three dimensional art objects. Coursework will include piercing, sawing, filing, forming and finishing jewelry or sculptural forms. Processes may include welding, hot forming, tool-making, etching, basic stone setting, soldering and lost-wax casting.</td>
</tr>
<tr>
<td>VA161</td>
<td>METALS/JEWELRY II</td>
<td>9, 10, 11, 12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
<td>Metals/Jewelry I</td>
<td>$40.00</td>
<td>This course will satisfy one-half fine arts credit for Arizona university entrance requirements. This course will explore advanced studies in soldering, forming, forging, stone setting and lost-wax casting of metals and related materials.</td>
</tr>
<tr>
<td>VA162</td>
<td>METALS/JEWELRY III</td>
<td>10, 11, 12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
<td>Metals/Jewelry II</td>
<td>$40.00</td>
<td>This course may be repeated for credit but not for grade change. This course will incorporate advanced fabrication techniques, which could include fusing, reticulation, etching, inlay, lapidary, bezel-setting and advanced metal piercing. Various methods of casting metal will also be explored.</td>
</tr>
<tr>
<td>VA163</td>
<td>METALS/JEWELRY IV</td>
<td>10, 11, 12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
<td>Metals/Jewelry III</td>
<td>$40.00</td>
<td>This course will satisfy one-half fine arts credit for Arizona university entrance requirements. This course may be repeated for credit but not for grade change. This course will provide opportunities for students to design more complex metal and casting projects by incorporating advanced fabrication techniques. Metal sculpture will also be introduced.</td>
</tr>
</tbody>
</table>
**GUIDANCE & COUNSELING**

**GC105 COMMUNITY VOLUNTEER SERVICE**

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

This course may be repeated for credit but not for grade change.

This course will allow students to explore careers in business, social service, and volunteerism. Students receive 1/2 credit for 90 hours per semester. Students will attend class on campus once a week and the rest of the time is spent at the volunteer site. Students must complete a log prior to receiving credit. A grade of Satisfactory/Unsatisfactory will be assigned at the completion of the course.

**GC110 PEER LEADERSHIP/TUTORING**

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

Prerequisite: Application and approval, parent permission required.

This course may be repeated for credit but not for grade change.

This course will provide training to students to be sensitive listeners and to use communication skills to encourage positive problem solving and behavior. Peer counselors will act as role models, peer tutors, big brothers and sisters to elementary and junior high students, as well as encourage and monitor students with attendance problems.

**JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)**

Materials: Books and uniforms will be supplied at no cost. Students will be required to wear uniforms at least one day per week.

Completion of three years of JROTC will allow a student to enlist in any branch of the Armed Services at an advanced pay grade. Many ROTC scholarships will be available to JROTC high school students. **NO MILITARY OBLIGATION WILL BE INCURRED.**

**AR101 LEADERSHIP EDUCATION TRAINING (LET) I (AJROTC)**

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

Elective or Career and Technical Education credit will be issued for this course.

This course will introduce citizenship, leadership theory and application, and foundations for success. Students will participate in physical activity, leadership application and complete a service-learning project. Students will have the opportunity to assume positions of leadership and participate in adventure training, color guard, drill, orienteering and rifle marksmanship competitions.

**AR102 LEADERSHIP EDUCATION TRAINING (LET) II (AJROTC)**

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

Prerequisite: Leadership Education Training (LET) I

Elective or Career and Technical Education credit will be issued for this course.

Upon successful completion of this course, the District requirement for Physical Education will be waived.

This course will examine wellness and fitness, first aid, geography, map skills, environmental awareness and citizenship in American history and government. Students will participate in physical activity, leadership application and complete a service-learning project. Students will have the opportunity to assume positions of leadership and participate in adventure training, color guard, drill, orienteering and rifle marksmanship competitions.
### AR103 LEADERSHIP EDUCATION TRAINING (LET) III (AJROTC)

**Grades:** 11, 12  
**1 Year**  
**1 Credit**

**Prerequisite:** Leadership Education Training (LET) I and II  
*Elective or Career and Technical Education credit will be issued for this course.*

This course will emphasize advanced training in citizenship in action, leadership theory and application, foundations for success and citizenship in American history and government. Students will participate in physical activity, leadership application and complete a service-learning project. Students will have the opportunity to assume significant positions of leadership and to participate in adventure training, color guard, drill, orienteering and rifle marksmanship competitions.

### AR104 LEADERSHIP EDUCATION TRAINING (LET) IV (AJROTC)

**Grades:** 12  
**1 Year**  
**1 Credit**

**Prerequisite:** Leadership Education Training (LET) I, II, and III  
*This course will meet District graduation requirements for Economics and Government upon completion of the entire year.*  
*Elective or Career and Technical Education credit will be issued for this course.*

*This course will not meet the NCAA requirements for Social Studies.*  

This course will focus on citizenship in action, leadership theory and application, foundations for success, wellness, fitness, first aid and citizenship in American history and government. Students will organize and lead physical activity, apply leadership skills and complete a service-learning project. Students will have the opportunity to assume senior positions of leadership, coordinate training and learning activities, manage supply and fiscal resources and participate in adventure training, color guard, drill, orienteering and rifle marksmanship competitions.

### AR105 DRILL TEAM/COLOR GUARD (AJROTC)

**Grades:** 9, 10, 11, 12  
**1 Year**  
**1 Credit**

**Prerequisite:** Concurrent enrollment in another AJROTC course and a member of AJROTC  
*This course may be repeated for credit but not for grade change.*

This course will introduce the principles of teamwork, discipline, and precision drill.

### AS101 HISTORY OF FLIGHT (AFJROTC)

**Grades:** 9, 10, 11, 12  
**1 Year**  
**1 Credit**

*Elective or Career and Technical Education credit will be issued for this course.*  

This course will introduce the history of air power, military customs and courtesies, basic military drill and marching, and leadership education. This course will also include field trips, leadership lab, color guard, drill team, model rocket club, and community service.

### AS102 SCIENCE OF FLIGHT (AFJROTC)

**Grades:** 9, 10, 11, 12  
**1 Year**  
**1 Credit**

**Prerequisite:** History of Flight  
*Elective or Career and Technical Education credit will be issued for this course.*  
*Upon successful completion of this course, the District requirement for Physical Education will be waived.*

This course will explore aerospace environment, weather, navigation, jet engines, advanced customs and courtesies, advanced drill and ceremonies, and leadership education. This course will include field trips, leadership lab, color guard, drill team, model rocket club and community service.

### AS103 EXPLORATION OF SPACE (AFJROTC)

**Grades:** 9, 10, 11, 12  
**1 Year**  
**1 Credit**

**Prerequisite:** Science of Flight  
*Elective or Career and Technical Education credit will be issued for this course.*

This course will examine space exploration, rockets, engines, advanced customs, advanced drill and leadership education. This course will include field trips, leadership lab, color guard, drill team, model rocket club and community service.
AS104 SENIOR OPTIONS (AFJROTC)  
**CVHS, DRHS & GHS ONLY**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Completion of History of Flight, Science of Flight, and Exploration of Space; or application and approval</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course may not be taken out of sequence.

This course will offer three possible options to be taught, and the option is at the discretion of the Senior Aerospace Science Instructor (SASI). This course will include field trips, leadership laboratory, drill, and community service.

AS105 DRILL TEAM/COLOR GUARD (AFJROTC)  
**CVHS, DRHS & GHS ONLY**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Concurrent enrollment in another AFJROTC course and a member of AFJROTC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course may be repeated for credit but not for grade change.

This course will introduce the principles of teamwork, discipline, and precision drill.

AS106 PRIVATE PILOTS GROUND SCHOOL  
**CVHS & DRHS ONLY**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Completion of Geometry A/B, Science of Flight and application and approval</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will provide an in-depth study of the flight environment, aircraft systems, weather, navigation, and physiology of flight. This course will prepare students to pass the Federal Aviation Association (FAA) Private Pilots written exam.

AS220 CULTURAL STUDIES – AN INTRODUCTION TO GLOBAL AWARENESS (AFJROTC)  
**CVHS, DRHS & GHS ONLY**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

This course will introduce students to the study of world affairs, regional studies, and cultural awareness. Students will explore the history, geography, religions, culture, economics, and human rights that have shaped the Middle East, Asia, Africa, Russia, Latin America, and Europe. By the end of the course, students should be able to identify all the countries within the regions, plus be able to compare and contrast the geography, religions, culture, and human rights issues. Students should also be able to analyze current world events and explain the challenges in solving them.

**MATHEMATICS**

To advance from first to second semester in any yearlong course or to continue in a series of successive mathematics courses, a grade of “C” or better is strongly recommended.

**MA200/201 ALGEBRA IA/ALGEBRA IB**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

This course must be taken to fulfill math graduation requirements.

This course fulfills Arizona university entrance requirements.

This course will include the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.

**MA205W/206W HONORS ALGEBRA IA/ALGEBRA IB**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Placement may be based on a predetermined score on a district-approved test or teacher recommendation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course must be taken to fulfill math graduation requirements.

This course fulfills Arizona university entrance requirements.

This class will have an in-depth focus on measurement, geometry, data analysis, algebra patterns and relations, and analytic reasoning with an emphasis on communication, problem solving, and application through the use of technology.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Grades</th>
<th>Duration</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA300/301</td>
<td>GEOMETRY A/GEOMETRY B</td>
<td>9, 10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>Algebra IB</td>
<td>This course must be taken to fulfill math graduation requirements.</td>
<td>This course fulfills Arizona university entrance requirements.</td>
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<td></td>
</tr>
<tr>
<td>MA305W/306W</td>
<td>HONORS GEOMETRY A/GEOMETRY B</td>
<td>9, 10</td>
<td>1 Year</td>
<td>1 Credit-Weighted Grade</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>Placement may be based on a predetermined score on a district-approved test, completion of Honors Algebra IB or teacher recommendation</td>
<td>This course must be taken to fulfill math graduation requirements.</td>
<td>This course fulfills Arizona university entrance requirements.</td>
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<td></td>
</tr>
<tr>
<td>MA310</td>
<td>ALGEBRAIC FUNCTIONS 1</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>Geometry B</td>
<td>This course, Algebra IIB or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements.</td>
<td>Students who have successfully completed Algebra II may not receive credit for this course.</td>
<td>This course fulfills Arizona university entrance requirements.</td>
</tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA311</td>
<td>ALGEBRAIC FUNCTIONS 2</td>
<td>11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>Algebra IIA or Algebraic Functions 1</td>
<td>Students who have successfully completed Algebra IIA/Algebra IIB may not receive credit for this course.</td>
<td>This course fulfills Arizona university entrance requirements.</td>
<td></td>
</tr>
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<td></td>
</tr>
<tr>
<td>MA400/401</td>
<td>ALGEBRA II/ALGEBRA IIB</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>Geometry B</td>
<td>This course, Algebraic Functions I or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements.</td>
<td>This course fulfills Arizona university entrance requirements.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will focus on the study of transformations, proofs, and constructions. These tools will be used throughout the course as students formalize geometric concepts such as congruence and similarity. Modeling, problem solving and proofs will be woven throughout the course.

This course will conduct an in-depth study of transformations, proofs and constructions. These tools will be used throughout the course as students formalize geometric concepts such as congruence and similarity. Modeling, problem solving and proofs will be woven throughout the course.

This course will provide an opportunity for students to apply algebraic concepts to solve real-world problems. Students will be taught to visualize, represent, model and solve problems that involve applications with business and science as well as make connections within the field of mathematics. Topics will include absolute value, rate of change, linear functions and systems of equations and inequalities. **Students who have earned credit in Algebra II will only earn elective credit for this course.**

This course will provide an opportunity for students to apply algebraic concepts to solve real-world problems. Students will be taught to visualize, represent, model and solve problems that involve applications with business and science as well as make connections within the field of mathematics. **Students who have earned credit in Algebra II will only earn elective credit for this course.**

This course will focus on the study of algebraic concepts. Topics will include an introduction to sequence and series, exponents and logarithms, and trigonometry as well as developing the analysis of data through the use of technology. This course will be comparable to a second year high school algebra course.
**MA405W/406W HONORS ALGEBRA IIA/ALGEBRA IIB**

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> Placement may be based on a predetermined score on a district-approved test, completion of Honors Geometry B, or teacher recommendation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course fulfills Arizona university entrance requirements.

This course will have an in-depth study of algebraic concepts. Topics will include sequence and series, exponents and logarithms, and trigonometry, as well as developing the analysis of data through the use of technology. This course will be comparable to a second year high school algebra course.

**MA408 COLLEGE MATHEMATICS**

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> Algebra IIA or Algebraic Functions 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Can be taken for dual credit.

This course fulfills Arizona university entrance requirements.

Students that plan to pursue a college degree in science, technology, engineering or math, should take MA410 Pre-Calculus. Consult your counselor or math teacher for more details.

This course will develop students’ working knowledge of college-level mathematics and its application to real-life problems. Topics will include set theory, probability, statistics, finance, and geometry.

**MA409 COLLEGE ALGEBRA**

<table>
<thead>
<tr>
<th>Grades: 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> Algebra IIB</td>
<td></td>
<td></td>
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</tbody>
</table>

Can be taken for dual credit.

This course fulfills Arizona university entrance requirements.

This course will cover analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions, as well as systems of equations, modeling and solving real-world problems.

**MA410 PRE-CALCULUS**

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> Algebra IIB</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Can be taken for dual credit.

This course fulfills Arizona university entrance requirements.

This course will focus on the study of algebra, trigonometry, and analytic geometry.

**MA414W AP STATISTICS**

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> Algebra IIB</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Can be taken for dual credit.

This course fulfills Arizona university entrance requirements.

This course will consist of college algebra concepts that support statistics and the AP curriculum, culminating with the Advanced Placement Exam. Only students planning to take the Advanced Placement Exam should take this course.

**MA415W HONORS PRE-CALCULUS**

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> Placement may be based on a predetermined score on a district-approved test, completion of Honors Algebra IIB or teacher recommendation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Can be taken for dual credit.

This course fulfills Arizona university entrance requirements.

This course will be a concentrated study of algebra, trigonometry, and analytic geometry.
### MA416W AP CALCULUS AB

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Pre-Calculus or teacher recommendation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Can be taken for dual credit</td>
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<td></td>
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</tbody>
</table>

This course fulfills Arizona university entrance requirements.

This course will examine calculus with analytic geometry as it relates real numbers, limits, continuity, differential and integral calculus of functions in one variable with an emphasis on technology. **Only students planning to take the Advanced Placement Exam should take this course.**

### MA417W AP CALCULUS BC

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Honors Pre-Calculus or teacher recommendation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Can be taken for dual credit</td>
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<td></td>
</tr>
</tbody>
</table>

This course fulfills Arizona university entrance requirements.

This course will examine calculus with analytic geometry as it relates real numbers, limits, continuity, differential and integral calculus of functions in one variable with an emphasis on technology. **Only students planning to take the Advanced Placement Exam should take this course.**

### MA419W CALCULUS III

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Semester (1st)</th>
<th>1/2 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>AP Calculus BC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Can be taken for dual credit</td>
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</tbody>
</table>

This course will include the study vector-valued functions of several variables, multiple integration and is an introduction to vector analysis.

### MA420W DIFFERENTIAL EQUATIONS

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Semester (2nd)</th>
<th>1/2 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Calculus III</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Can be taken for dual credit</td>
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</tbody>
</table>

This course will examine ordinary differential equations with applications including Laplace transformations with numerical methods.

### MA500 FINANCIAL APPLICATIONS FOR LIFE I

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Semester (1st)</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

This course will introduce valuable financial management skills. Topics will include the principles of savings, the effect money has on relationships, budget/cash flow planning, dangers of debt, consumer awareness, and bargain shopping.

### MA501 FINANCIAL APPLICATIONS FOR LIFE II

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Semester (2nd)</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

This course will further examine valuable financial management skills. Topics will include career choices, taxes, investment principles and options, funding your retirement, college funding, credit bureaus and collection practices, insurance, real estate and mortgages.

### MA900 MATH STANDARDS

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Referral by a counselor or an administrator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>This course may be repeated for credit but not for grade change</td>
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</tbody>
</table>

This course will help students prepare for the math AIMS test.
MISCELLANEOUS

AD100W ACADEMIC DECATHLON

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
</table>

Prerequisite: 2.0 or above G.P.A. (academic/unweighted), application and approval

Elective or CTE/FA4 credit will be issued for this course.

This course may be repeated for credit but not for grade change.

Students competing in Academic Decathlon are subject to and governed by the Arizona Interscholastic Association (AIA) and District eligibility rules.

This course will provide the necessary preparation for students to compete in United States Academic Decathlon events. Competitions will involve ten academic and communication events and provide opportunities for students to earn awards and college scholarships. Team members will compete with other schools at their individual G.P.A. level.

AV100 ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

Prerequisite: Application and approval

Elective or CTE/FA4 credit will be issued for this course.

This course may be repeated for credit but not for grade change.

This course will include the necessary instruction to support students in a rigorous college preparatory program. Students must complete an application process and be selected to participate in this program.

AV900 AVID TUTOR

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

Prerequisite: Administrator/Instructor approval and a GPA of 3.0 or better. Must have taken at least one honors course.

Elective credit will be issued for this course.

This course may be repeated for credit but not for grade change.

This course will include specific training for the AVID tutor (e.g., Socratic thinking and questioning, Bloom’s taxonomy, etc.). AVID tutors will be academic mentors for AVID students in grades 9 – 11. Students will be issued a grade of satisfactory/unsatisfactory at the completion of the course.

PE505 DRIVER’S EDUCATION

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

Fee: $20.00

Elective credit will be issued for this course.

This course will provide information on laws, roadway markings and signs, drugs and alcohol, residential, city, and freeway driving. Instruction will also emphasize the responsibilities of courteous and defensive driving habits. Simulators will be used to develop good driving habits in all driving environments. The driver’s education program is certified by the State of Arizona and provides the opportunity to gain a driver license. Students will gain valuable information to help them obtain their driving permits, and learn about the new graduated driver license laws that have been implemented in the State of Arizona.

RT747 RELEASE TIME

<table>
<thead>
<tr>
<th>Grade: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>No Credit</th>
</tr>
</thead>
</table>

All release time requires Consent of Release Time form.

Students may be granted release time for specific reasons approved by the school administration.

RT986 RELEASE TIME/OFF-CAMPUS INSTRUCTION

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>No Credit</th>
</tr>
</thead>
</table>

Students may be granted release time for off-campus instruction.
SG100 LEADERSHIP DEVELOPMENT (Student Council)

Grades: 9, 10, 11, 12  
1 Year  
1 Credit  

Prerequisite: Student must be elected or appointed to Student Council  
Elective or CTE/FA4 credit will be issued for this course.  
This course may be repeated for credit but not for grade change.

This course will emphasize leadership skills. A major part of the course will be performing the duties of Student Council.

SP100 PARALLEL LEARNING

Grades: 10, 11, 12  
1 Year  
1 Credit  

Prerequisite: Interview, application and approval  
This course may be repeated for credit but not for grade change.

This course will train individuals to assist developmentally disabled students with personal management, leisure, vocational skills, and academics. Students will participate in community experiences and some after-school activities. Students will be issued a grade of satisfactory/unsatisfactory at the completion of the course.

TA100 TEACHER’S AIDE

Grades: 11, 12  
1 Semester  
1/2 Credit  

Prerequisite: Administrator/Instructor approval and a cumulative GPA of 2.5 or better  
This course may not be taken concurrently with AVID Tutor course.  
Students may earn a maximum of one Teacher’s Aide credit towards graduation.

This course will be available to students who want to work with individual staff members to support the educational process. Students will assist the instructor or office staff in tasks relevant to the job. Students will be issued a grade of satisfactory/unsatisfactory at the completion of the course.

MODERN LANGUAGES

FL109 SPANISH I

Grades: 9, 10, 11, 12  
1 Year  
1 Credit  

This course will introduce the basic skills necessary to gain a solid foundation in the Spanish language. Major emphasis will be placed on speaking, oral comprehension, reading, writing, grammar and spelling. Students will study social customs, history, culture and music of the Spanish-speaking countries and their people.

FL110 SPANISH II

Grades: 9, 10, 11, 12  
1 Year  
1 Credit  

Prerequisite: Spanish I  
This course will be an in-depth study of Spanish, requiring the student to think in the language. The course will help students become more fluent in the language while continuing to learn about the culture. Grammar and conversation will be emphasized.

FL111W AP SPANISH III

Grades: 10, 11, 12  
1 Year  
1 Credit-Weighted Grade  

Prerequisite: Spanish II or teacher recommendation  
This course will emphasize oral conversation, grammar, and reading. Students will have the opportunity to study Latin American countries and culture. Only students planning to take the Advanced Placement Exam should take this course.

FL113W SPANISH III

Grades: 10, 11, 12  
1 Year  
1 Credit-Weighted Grade  

Prerequisite: Spanish II or teacher recommendation  
Can be taken for dual credit  
This course will examine basic grammar, pronunciation, vocabulary, listening, speaking, reading and writing skills of the Spanish language, and the study of Spanish-speaking cultures.
**FL112W AP SPANISH IV**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>11, 12</th>
<th>Year:</th>
<th>1</th>
<th>Credit:</th>
<th>Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Spanish III or teacher recommendation</td>
<td><strong>Elective or CTE/FA4 credit will be issued for this course.</strong></td>
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</tr>
</tbody>
</table>

This course will include reading literature and studying the history and civilization of Spain and Latin American countries. *Only students planning to take the Advanced Placement Exam should take this course.*

**FL114W SPANISH IV**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>11, 12</th>
<th>Year:</th>
<th>1</th>
<th>Credit:</th>
<th>Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Spanish III or teacher recommendation</td>
<td><strong>Elective or CTE/FA4 credit will be issued for this course.</strong></td>
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</tbody>
</table>

Can be taken for dual credit

This course will focus on essential grammar and continue development of reading, writing and speaking skills. This course will include the study of Spanish-speaking cultures with a focus on daily use of verbal communication skills.

**FL115 SPANISH FOR SPANISH SPEAKERS**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>Year:</th>
<th>1</th>
<th>Credit:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Spanish speaking</td>
<td></td>
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</tbody>
</table>

This course may be repeated for credit but not for grade change.

This course will emphasize grammar and writing skills for native speakers.

**FL209 FRENCH I**

| Grades: | 9, 10, 11, 12 | Year: | 1 | Credit: | |

This course will introduce skills necessary to gain an initial background in French. Major topics will include listening and comprehension, self-expression, pronunciation, and grammar. A study of the culture and civilization of France will be included.

**FL210 FRENCH II**

| Grades: | 9, 10, 11, 12 | Year: | 1 | Credit: | |

This course will be an in-depth study of French, requiring the student to think in the language. The course will utilize periodicals and other materials to help students become more fluent in the language.

**FL211W FRENCH III**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>Year:</th>
<th>1</th>
<th>Credit:</th>
<th>Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>French II or teacher recommendation</td>
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</tr>
</tbody>
</table>

Can be taken for dual credit

This course will review previously learned grammar, reading and comprehension, and conversational French. This college French preparatory course will include conversational topics current in the French culture, a study of the civilization, and an in-depth learning of vocabulary useful in France.

**FL212W FRENCH IV**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>11, 12</th>
<th>Year:</th>
<th>1</th>
<th>Credit:</th>
<th>Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>French III or teacher recommendation</td>
<td><strong>Elective or CTE/FA4 credit will be issued for this course.</strong></td>
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<td></td>
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</tr>
</tbody>
</table>

Can be taken for dual credit

This course will integrate grammar, aural comprehension, and oral production of the French Language. Students will also study selected works of 19th and 20th century French authors.

**FL409 GERMAN I**

| Grades: | 9, 10, 11, 12 | Year: | 1 | Credit: | |

This course will introduce skills necessary to gain an initial background in German. Topics will include listening, comprehension, self-expression, and the expression of intention.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grades</th>
<th>Duration</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Pre-requisite Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL410</td>
<td>GERMAN II</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
<td>German I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This course will be an in-depth study of German, requiring the student to think in the language.</td>
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</tr>
<tr>
<td>FL411W</td>
<td>GERMAN III</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit-Weighted Grade</td>
<td>German II or teacher recommendation</td>
<td>Can be taken for dual credit</td>
</tr>
<tr>
<td></td>
<td>This course will continue the study of German with emphasis on grammar review, aural comprehension and oral performance. Students will also study selected works of German authors.</td>
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</tr>
<tr>
<td>FL412W</td>
<td>GERMAN IV</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit-Weighted Grade</td>
<td>German III or teacher recommendation</td>
<td>Elective or CTE/FA4 credit will be issued for this course. Can be taken for dual credit</td>
</tr>
<tr>
<td></td>
<td>This course will emphasize speaking, listening, grammar, vocabulary, and the culture of German speaking countries, incorporating authentic and university level text.</td>
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</tr>
<tr>
<td>FL509</td>
<td>JAPANESE I</td>
<td>9, 10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
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</tr>
<tr>
<td></td>
<td>This course will introduce the necessary skills to gain an initial background in the Japanese language. The major skills will include speaking, oral comprehension, reading, writing and grammar. The topics will include the study of social customs and Japanese culture.</td>
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<tr>
<td>FL510</td>
<td>JAPANESE II</td>
<td>9, 10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
<td>Japanese I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This course will increase the emphasis on oral expressions and reading comprehension. The themes will include shopping, town, weather, food, and daily life.</td>
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<tr>
<td>FL511W</td>
<td>JAPANESE III</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit-Weighted Grade</td>
<td>Japanese II or teacher recommendation</td>
<td>Can be taken for dual credit</td>
</tr>
<tr>
<td></td>
<td>This course will allow students to expand upon their skills in conversational topics current in Japanese culture, reading and writing composition, and aural comprehension.</td>
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<tr>
<td>FL512W</td>
<td>JAPANESE IV</td>
<td>11, 12</td>
<td>1 Year</td>
<td>1 Credit-Weighted Grade</td>
<td>Japanese III or teacher recommendation</td>
<td>Elective or CTE/FA4 credit will be issued for this course. Can be taken for dual credit</td>
</tr>
<tr>
<td></td>
<td>This course will emphasize Japanese skills in reading, writing, speaking and listening. This course will also introduce students to various types of literature in Japanese and English. Students will be prepared to take the National Achievement Exam.</td>
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<tr>
<td>FL609</td>
<td>AMERICAN SIGN LANGUAGE (ASL) I</td>
<td>9, 10, 11, 12</td>
<td>1 Year</td>
<td>1 Credit</td>
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<tr>
<td></td>
<td>This course will introduce basic sign vocabulary with an emphasis on developing fluency in expressive and receptive signing and finger spelling.</td>
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</tbody>
</table>
FL610 AMERICAN SIGN LANGUAGE (ASL) II

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: American Sign Language I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Can be taken for dual credit</td>
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</tbody>
</table>

This course will be an in-depth study of American Sign requiring the student to think in the language.

FL611W AMERICAN SIGN LANGUAGE (ASL) III

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: American Sign Language II</td>
<td></td>
<td></td>
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<tr>
<td>Can be taken for dual credit</td>
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</tbody>
</table>

This course will provide an opportunity for students to demonstrate better comprehension and express themselves more fluently in American Sign. Students will engage in conversations with native signers, as well as complete a series of novel units and cultural awareness projects that look closely at the lives of deaf people.

PHYSICAL EDUCATION

PE100 PHYSICAL EDUCATION (MALE)

PE101 PHYSICAL EDUCATION (FEMALE)

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplies Needed: Combination lock, appropriate Physical Education uniform</td>
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<td></td>
</tr>
<tr>
<td>This course may be repeated for credit but not for grade change.</td>
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</tbody>
</table>

This course is an introductory physical education class. Students will learn and apply components of health-related fitness, proper nutrition and physiology. Students will learn and participate in a variety of individual and team sports. Fitness activities will include cardiovascular conditioning and resistance training, along with individual fitness assessments.

PE105 BEGINNING DANCE

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplies Needed: Leotard, dance/athletic pants, shoes, combination lock</td>
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<td></td>
</tr>
<tr>
<td>This course will satisfy one fine arts credit for Arizona university entrance requirements.</td>
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</tbody>
</table>

This course will include an introduction to various dance styles. Emphasis will be placed on awareness of technique/skill, history, knowledge, improvisation, and aesthetics of each dance style. Students will participate and relate dance as a lifetime fitness and health-related activity. Students will be offered the opportunity to perform in a dance concert.

PE106 INTERMEDIATE DANCE

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Audition, application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplies Needed: Leotard, dance/athletic pants, shoes, combination lock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>This course will satisfy one fine arts credit for Arizona university entrance requirements.</td>
<td></td>
<td></td>
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<tr>
<td>This course may be repeated for credit but not for grade change.</td>
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</tbody>
</table>

This course will provide advanced study of the skills acquired in Beginning Dance. Students will gain experience with background knowledge, physiological training and conditioning, psychomotor skills, and artistic concepts at a higher level. Emphasis will be placed on choreography, production, and performance in a concert setting. Students will be required to choreograph and perform in a dance concert.
**PE107 ADVANCED DANCE**

**Grades:** 9, 10, 11, 12  
**1 Year  
**1 Credit

**Prerequisite:** Audition, application and approval

**Supplies Needed:** Leotard, dance/athletic pants, shoes, combination lock  
Costume expenses could range from $0 - $200.00.

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This course will focus on advanced skills, knowledge of dance as an art, and choreographic artistry. Performance in concerts and after-school rehearsals will be required. Students will work on aspects of concert production including; choreography, group projects, stage productions/techniques, and performance.

**PE108 DANCEWORKES LTD. COMPANY (GHS ONLY)**

**PE109 ONE IMAGE DANCE COMPANY (HHS ONLY)**

**PE110 BEYOND MOTION DANCE COMPANY (MHS ONLY)**

**PE111 PULSE DANCE COMPANY (DRHS ONLY)**

**PE112 SOULMATIC RHYTHM DANCE COMPANY (CVHS ONLY)**

**Grades:** 10, 11, 12  
**1 Year  
**1 Credit

**Prerequisite:** Audition, application and approval

**Supplies Needed:** Leotard, dance/athletic pants, shoes, combination lock  
Costume expenses could range from $0 - $200.00.

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This group performance course will emphasize advanced dance techniques, choreography, background knowledge, and artistic concepts. It will involve a rigorous rehearsal and performance schedule. Students will learn all aspects of concert production including choreography, teaching, costume design, production of a piece, dances, rehearsal techniques, lighting design, and performances.

**PE201 YOGA FITNESS TRAINING I**

**HHS, DRHS, & MHS ONLY**

**Grades:** 9, 10, 11, 12  
**1 Year  
**1 Credit

**Supplies Needed:** Yoga pants, fitted shirt, athletic shoes, socks, combination lock and personal mat

This course will introduce students to beginning yoga asanas. Emphasis will be placed on awareness of technique, skill, flexibility, posture, history, knowledge, vocabulary, core strength, and aesthetics of each asana. Students will learn and apply components of health-related fitness. Cardiovascular conditioning will be taught on a regular basis.

**PE202 YOGA FITNESS TRAINING II**

**HHS, DRHS, & MHS ONLY**

**Grades:** 10, 11, 12  
**1 Year  
**1 Credit

**Prerequisite:** Yoga Fitness Training I

**Supplies Needed:** Yoga pants, fitted shirt, athletic shoes, socks, combination lock and personal mat

*This course may be repeated for credit but not for grade change.*

This course will incorporate advanced yoga asanas and practices. Emphasis will be placed on advanced technique, vocabulary, core strength, and aesthetics of each asana. Students will learn a variety of yoga techniques to enhance emotional, physical, and mental awareness.

**PE210 RACQUET AND INDIVIDUAL SPORTS**

**Grades:** 10, 11, 12  
**1 Year  
**1 Credit

**Supplies Needed:** Physical Education uniform, combination lock

*This course may be repeated for credit but not for grade change.*

This course will introduce a variety of racquet and individual sports with an emphasis on skill development and game strategy. Racquet sports may include racquetball, tennis, table tennis, paddleball and badminton. Individual sports may include golf, Frisbee games, horseshoes, shuffleboard, and others. Fitness activities will include cardiovascular conditioning and resistance training.
PE220 INTRODUCTORY WEIGHT TRAINING (Male)
PE221 INTRODUCTORY WEIGHT TRAINING (Female)

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Combination lock, appropriate Physical Education uniform</td>
<td></td>
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</tbody>
</table>

*This course may be repeated for credit but not for grade change.*

This course will introduce resistance training and include a variety of exercises, techniques and programs. Students will learn and apply health-related concepts, proper nutrition and physiology. Students will learn and demonstrate correct techniques of core lifts, which may include squat and power clean. Cardiovascular conditioning and individual fitness assessments will be included.

PE225 ADVANCED WEIGHT TRAINING

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Introductory Weight Training or Introductory Sports Training</td>
<td></td>
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<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Combination lock, appropriate Physical Education uniform</td>
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</tbody>
</table>

*This course may be repeated for credit but not for grade change.*

This course will further examine resistance training and include a variety of exercises, techniques and strength programs. Students will learn and apply individualized routines and programs to emphasize bodybuilding, power-lifting and individual fitness objectives. Students will learn and demonstrate correct techniques of core lifts, which may include squat and power clean.

PE229 INTRODUCTORY SPORTS TRAINING

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Teacher recommendation</td>
<td></td>
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<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Combination lock, appropriate Physical Education uniform</td>
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</tr>
</tbody>
</table>

*This course may be repeated for credit but not for grade change.*

This course will implement sport-specific lifting, cardiovascular conditioning, and fitness programs to improve athletic performance and injury prevention. A health-related curriculum including nutrition, physiology and health concepts will be incorporated.

PE230 ADVANCED SPORTS TRAINING

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Teacher recommendation</td>
<td></td>
</tr>
<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Combination lock, appropriate Physical Education uniform</td>
<td></td>
</tr>
</tbody>
</table>

*Elective or CTE/FA4 credit will be issued for this course.*

*This course may be repeated for credit but not for grade change.*

This course will provide training for students who want to improve their strength and power for interscholastic sports. Sport-specific lifting and fitness will be emphasized to improve individual fitness, athletic performance, and injury prevention.

PE400 ADAPTIVE PHYSICAL EDUCATION

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Written documentation from a medical doctor</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended Supplies:</strong></td>
<td>Physical Education uniform, combination lock</td>
<td></td>
</tr>
</tbody>
</table>

*This course may be repeated for credit but not for grade change.*

This course will provide activity to students who cannot fulfill the requirements of a regular physical education class. Reasons may be the result of physical limitations, injury or medical conditions.

PE401 UNIFIED PHYSICAL EDUCATION

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Supplies:</strong></td>
<td>Physical Education uniform, combination lock</td>
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</tr>
</tbody>
</table>

*This course may be repeated for credit but not for grade change.*

This course will provide opportunities for students with mental or physical disabilities to be partnered with typical students in a daily physical education class. This co-ed class matches boys and girls across grade levels to benefit all students involved.
PE800 ATHLETIC PHYSICAL EDUCATION

Grades: 9, 10, 11, 12  1 Athletic Season  1/2 Elective Credit
(Maximum of 1 credit per year)

Prerequisite: Athletic team membership, head coach approval

This course may be repeated for credit but not for grade change.

Athletes must complete the criteria for this course as outlined in the Athletic Physical Education guidelines in order to receive credit. Grades for this course will be issued according to the guidelines. Before enrolling, please review the guidelines with the Athletic Director.

Athletes may enroll in this course with the permission of the head coach of an interscholastic sport or by permission from the school’s Athletic Director.

SCIENCE

SC115 EARTH SCIENCE

Grades: 10, 11, 12  1 Year  1 Credit

This course will satisfy one earth science credit for Arizona university entrance requirements.

This course will be a study of the earth and its environment and the earth as an object in space. Major topics include: astronomy, geology, weather, and map reading. Students will be expected to write term papers and perform applied mathematical problems related to earth science.

SC120 LAB BIOLOGY

Grades: 9, 10, 11, 12  1 Year  1 Credit

This course will satisfy one biological lab science credit for Arizona university entrance requirements.

This course will be an inquiry and laboratory-based study of living organisms and their interactions with their environment. Topics will include cells, molecular basis of heredity, interdependence of organisms, biological evolution, matter, energy and organization of living systems and comparative anatomy/biodiversity.

SC121W HONORS LAB BIOLOGY

Grades: 9, 10, 11, 12  1 Year  1 Credit-Weighted Grade

Prerequisite: Placement may be based on a predetermined score on a district approved test or teacher recommendation

This course will satisfy one biological lab science credit for Arizona university entrance requirements.

This course will expose students to an accelerated introductory biology program and provide a high degree of enrichment. Critical reading, writing, and problem-solving skills will be applied to inquiry-based studies. Major topics will include cells, molecular basis of heredity, interdependence of organisms, biological evolution, matter, energy and organizations in living systems, and comparative anatomy.

SC122W AP BIOLOGY

Grades: 10, 11, 12  1 Year  1 Credit-Weighted Grade

Prerequisite: Concurrent enrollment in Algebra II or higher; Lab Biology, Chemistry, or teacher recommendation

Can be taken for dual credit

This course will satisfy one biological lab science credit for Arizona university entrance requirements.

This course will cover topics typically found in a first-year college biology course and advances the student’s understanding of concepts normally covered in high school biology. It provides a solid preparation for the AP Biology exam. This course is designed to help students develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. Only students planning to take the Advanced Placement Exam should take this course.

SC130 ECOLOGY AND ENVIRONMENTAL SCIENCE

Grades: 10, 11, 12  1 Year  1 Credit

This course will satisfy one earth science credit for Arizona university entrance requirements.

This course will examine ecology and the environment. Issues such as Arizona wildlife, endangered species, populations, environmental health, pollution, alternative energy sources, and new technologies will be discussed.
SC131W AP ENVIRONMENTAL SCIENCE

Grades: 11, 12 1 Year 1 Credit-Weighted Grade
Prerequisite: Concurrent enrollment in Algebra II, Earth Science, Chemistry, Physics or Ecology
Can be taken for dual credit
This course will satisfy one earth science credit for Arizona university entrance requirements.

This course will address the fundamentals of ecology and the environment and the impact of humans on the Earth. Topics will include ecosystems, endangered species, geology, population dynamics, environmental law, energy resources, global warming, environmental toxins, human health, water conservation, and pollution. **Only students planning to take the Advanced Placement Exam should take this course.**

SC132 MARINE BIOLOGY (OCEANOGRAPHY)

Grades: 11, 12 1 Year 1 Credit
Prerequisite: Two years of lab science, Geometry B
Can be taken for dual credit
This course will satisfy one biological credit for Arizona university entrance requirements.

This course will address the history and physical characteristics of the ocean. Topics will include bathymetry, sea floor spreading, life cycle of an island, winds and the Coriolis effect, water chemistry and salinity. Other areas of focus will include the ecology of ocean zones and communities. Organisms will be explored through microscopy, dissection, and modeling.

SC135 CHEMISTRY

Grades: 10, 11, 12 1 Year 1 Credit
Prerequisite: Algebra I
This course will satisfy one chemistry science credit for Arizona university entrance requirements.

This course will examine general inorganic chemistry for the university-bound student. Experimental method and critical thinking will be emphasized.

SC136W HONORS CHEMISTRY

Grades: 10, 11, 12 1 Year 1 Credit-Weighted Grade
Prerequisite: Placement is based on a predetermined score on a district-approved test, Geometry B, or teacher recommendation
This course will satisfy one chemistry science credit for Arizona university entrance requirements.

This course will provide a challenging study of inorganic chemistry. Major emphasis will be on the experimental method, critical thinking, and enrichment research activities.

SC137W AP CHEMISTRY

Grade: 11, 12 1 Year 1 Credit-Weighted Grade
Prerequisite: Concurrent enrollment in Algebra II, Chemistry
Can be taken for dual credit
This course will satisfy one chemistry science credit for Arizona university entrance requirements.

This course will provide the equivalent to the first year of college chemistry. Major emphasis will include structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and an in-depth study of basic thermodynamics concepts, reaction writing, and extensive laboratory work. **Only students planning to take the Advanced Placement Exam should take this course.**

SC145 ANATOMY AND PHYSIOLOGY

Grades: 11, 12 1 Year 1 Credit
Prerequisite: Geometry B, Lab Biology, and Chemistry
Can be taken for dual credit
This course will satisfy one biological lab science credit for Arizona university entrance requirements.

This course will focus on the structure and function of the human body. Topics include an in-depth exploration of the organ systems and mechanisms for maintaining homeostasis. Careers in the medical and healthcare fields are also investigated.
SC150 PHYSICS

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<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Two years of Lab Science and concurrent enrollment in Algebra II</td>
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<tr>
<td>This course will satisfy one physical science credit for Arizona university entrance requirements.</td>
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</table>

This course will explore physics, problem solving, experimentation, and design. Topics will include kinematics, forces, energy, momentum, electricity and waves.

SC151W AP PHYSICS 1

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<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Two years of Lab Science and concurrent enrollment in Algebra II or higher</td>
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<tr>
<td>This course will satisfy one physical science credit for Arizona university entrance requirements.</td>
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</table>

This course will provide the equivalent to the first semester of algebra based college physics. Major emphasis will include kinematics, forces, momentum, energy, rotation, sound, light, the fundamentals of electricity, and extensive laboratory work. Only students planning to take the Advanced Placement Exam should take this course.

SC152W AP PHYSICS 2

<table>
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<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Physics or AP Physics 1, and Algebra II</td>
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<tr>
<td>This course will satisfy one physical science credit for Arizona university entrance requirements.</td>
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</table>

This course will provide the equivalent to the second semester of algebra based college physics. Major emphasis will include electricity and magnetism, conservation laws, modern physics, light, thermodynamics, fluids, and extensive laboratory work. Only students planning to take the Advanced Placement Exam should take this course.

SC153W AP PHYSICS C: MECHANICS

<table>
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<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Completion or concurrent enrollment in Calculus AB or BC</td>
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<tr>
<td>This course will satisfy one physical science credit for Arizona university entrance requirements.</td>
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</table>

This course will prepare students to take the Advanced Placement Exam called AP Physics C Mechanics and will provide the equivalent to first semester calculus based college physics. Only students planning to take the Advanced Placement Exam should take this course.

SC154W AP PHYSICS C: ELECTRICITY AND MAGNETISM

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Completion of a physics class, completion or concurrent enrollment in Calculus AB or BC or teacher recommendation</td>
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<tr>
<td>This course will satisfy one physical science credit for Arizona university entrance requirements.</td>
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</table>

This course will prepare students to take the two Advanced Placement Exams: AP Physics C Mechanics and AP Physics C Electricity and Magnetism. It will provide the equivalent of two semester calculus based college physics. Only students planning to take the Advanced Placement Exam should take this course.

SC602W GEOLOGY

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Geometry A/B, Lab Biology, Earth Science or Chemistry or Physics</td>
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<td></td>
</tr>
<tr>
<td>Can be taken for dual credit</td>
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<tr>
<td>This course will satisfy one geological science credit for Arizona university entrance requirements.</td>
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</table>

This course will include the study of earth materials and processes, the study of geologic history of the earth, and the study of fossils. Map reading will be emphasized in both semesters. Semester projects and field trips will be required.
SOCIAL STUDIES

SS100 WORLD STUDIES

| Grade: 9, 10 | 1 Year | 1 Credit |
This course will emphasize the development of the civilized world. This course will examine the major historical events that shaped world cultures including various government and economic systems, ethical and religious beliefs, and major geographical features.

SS101W AP WORLD HISTORY

| Grade: 9,10,11,12 | 1 Year | 1 Credit-Weighted Grade |
This course will provide an overview of World History sufficient in scope and depth to prepare a student for the Advanced Placement Exam. This course will cover relationships between various societies throughout the world and compares political, economic, religious, and social issues. Only students planning to take the Advanced Placement Exam should take this course.

SS201/EN201 WORLD STUDIES/ENGLISH II

HHS ONLY
| Grade: 10 | 1 Year | 2 Credits |
This course will combine English II and World Studies through a universally thematic and cross-curricular perspective. This course will be taught by two teachers, one from each discipline. Reading selections will represent authors and cultures from around the globe and will tie closely to the scope and sequence of World Studies. Acquisition of skills, such as outlining, drafting, revising, and proofreading, will be emphasized. Both disciplines will focus on the use and understanding of the AIMS 6-trait rubric and critical analysis of world themes.

SS105 AMERICAN/ARIZONA HISTORY

| Grade: 10, 11 | 1 Year | 1 Credit |
This course will examine American and Arizona history from 1900 to the present. Special emphasis will focus on history since the Great Depression and events that affect current issues. A short review of the major historical events of the 17th, 18th, and 19th Centuries will be included.

SS301/EN301 AMERICAN/ARIZONA HISTORY/ENGLISH III

HHS ONLY
| Grade: 11 | 1 Year | 2 Credits |
This course will combine the curriculum of American/Arizona History and American Literature into an interdisciplinary, cross-curricular program of study. This course will be taught by two teachers, one from each discipline. Students will be involved in simulations, research, and other special projects. Composition skills will be emphasized.

SS106W AP UNITED STATES HISTORY

| Grade: 10, 11, 12 | 1 Year | 1 Credit-Weighted Grade |
Can be taken for dual credit
This course will provide an overview of American History sufficient in scope and depth. This course will cover colonial times to the present day. Only students planning to take the Advanced Placement Exam should take this course.

SS107W AP EUROPEAN HISTORY

| Grades: 9, 10, 11, 12 | 1 Year | 1 Credit-Weighted Grade |
Elective credit will be issued for this course. Can be taken for dual credit
This course will examine European History from 1350 to present. This course introduces students to the cultural, economic, political, and social developments that have played a fundamental role in shaping the world in which we live. The goal of this course is to enable students to develop an understanding of the principal themes in modern European history, to analyze historical events and to express historical understanding in writing. Only students planning to take the Advanced Placement Exam should take this course.
SS108W AP HUMAN GEOGRAPHY

<table>
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<tr>
<th>Grade: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite: World History</td>
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Can be taken for dual credit

Elective credit will be issued for this course.

This course will introduce the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will also learn about the methods and tools geographers use in their science and practice. Only students planning to take the Advanced Placement Exam should take this course.

SS110 ECONOMICS

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<tr>
<th>Grade: 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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<tbody>
<tr>
<td>Prerequisite: American/Arizona History or AP United States History</td>
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This course will explore microeconomics and macroeconomics, which prepares the student for decision-making within the American Marketing System. Students will study supply and demand, competition, monetary and fiscal policies and economic growth.

SS111 THE STOCK MARKET

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<tr>
<th>Grade: 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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<tbody>
<tr>
<td>Prerequisite: American/Arizona History or AP United States History</td>
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<tr>
<td>Fee: $18.00</td>
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This course will meet District graduation requirements for Economics. This course will not meet the NCAA requirements for Social Studies.

This course will explore the American economic system through an examination of the components and operation of the stock market. The major concepts of macro and microeconomics will be taught and some attention will also be given to current economic trends and events. Students will compete in teams against other high schools in the “Stock Market Game”, sponsored by the Arizona Republic and the National Council for Economic Education. Topics will include supply and demand, profit and loss, capital, business cycles, productivity, circular flow, market economy, saving, unemployment and the Federal Reserve Bank.

SS114W AP COMPARATIVE GOVERNMENT

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<tr>
<th>Grade: 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite: C or better in World History</td>
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Elective credit will be issued for this course.

This course will provide an introduction to the diversity of governments and political practices in the world today. Topics will include the study of specific countries and their governments, as well as general concepts used to interpret the political relationships and institutions found in national politics. Only students planning to take the Advanced Placement Exam should take this course.

SS115 AMERICAN/ARIZONA GOVERNMENT

<table>
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<tr>
<th>Grade: 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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<tbody>
<tr>
<td>Prerequisite: American/Arizona History or AP United States History</td>
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This course will introduce the basic institutions and practices of the American and Arizona systems of government. This course will focus on the rights and the responsibilities of an active and informed citizen.

SS116W AP AMERICAN/ARIZONA GOVERNMENT

<table>
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<tr>
<th>Grade: 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite: American/Arizona History or AP United States History</td>
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</table>

This course will include an overview of government. Topics will include constitutional government, political parties, civil liberties and rights and interest groups will be studied. Only students planning to take the Advanced Placement Exam should take this course.
SS117W AP ECONOMICS

**Grade:** 11, 12  
1 Semester  
1/2 Credit-Weighted Grade

This course will include an overview of economics. An emphasis on microeconomics and macroeconomics will be included. *Only students planning to take the Advanced Placement Exam should take this course.*

SS118W WE THE PEOPLE  
**DRHS, GHS, HHS, & MHS ONLY**

**Grade:** 11, 12  
1 Semester  
1/2 Credit-Weighted Grade

*This course will meet District graduation requirements for Government.*

This course will address how events in United States history have influenced the role and structure of government, and demonstrate an understanding of how the past influences the present and future. Topics include: philosophical and historical foundations of the American political system, how the framers created the Constitution, how the Constitution has been changed, how the Constitution shaped American institutions and practices, the Bill of Rights, and challenges in the 21st century. Students will participate in a simulated congressional hearing as a culminating activity.

SS120 CRIMINAL JUSTICE I

**Grades:** 10, 11, 12  
1 Semester  
1/2 Credit

*Elective credit will be issued for this course.*

This course will examine the nature of criminality, including both legal and social aspects. Topics will include the role of citizens, law enforcement and the court system, relative to crime in a democratic society.

SS121 CRIMINAL JUSTICE II

**Grades:** 10, 11, 12  
1 Semester  
1/2 Credit

*Elective credit will be issued for this course.*

This course will focus on the criminal trial process and how courtrooms run through mock trials. An examination of basic forensic techniques and practices will be included. Students will continue to examine laws in the United States and around the world, and explore careers opportunities in the criminal justice field.

SS122 GEOGRAPHY

**Grade:** 9, 10, 11, 12  
1 Semester  
1 Credit

*Elective credit will be issued for this course.*

This course will build a foundation for World Studies with an understanding of both physical and cultural geography. Students will study different cultures and how people interact with their environment, as well as how the environment has changed over time thus impacting history throughout the world.

SS125 CURRENT WORLD AFFAIRS

**Grades:** 9, 10, 11, 12  
1 Semester  
1/2 Credit

*Elective credit will be issued for this course.*

*This course may be repeated for credit but not for grade change.*

This course will introduce contemporary issues and their effect on everyday life. Students will learn to think critically and become well-informed members of a constantly changing society. Topics will include world political situations, social issues, education, crime and punishment, moral issues, minority issues and equal rights.

SS135 SOCIOLOGY

**Grades:** 11, 12  
1 Semester  
1/ Credit

*Elective credit will be issued for this course.*

This course will explore various cultures and problems that result from people living in groups. Topics will include cultures, social institutions, collective behavior, social change, social deviation, family, religion, race, poverty, and crime.

SS140 PSYCHOLOGY I

**Grades:** 11, 12  
1 Semester  
1/2 Credit

*Elective credit will be issued for this course.*

This course will examine human behavior. Topics will include the history of psychology, and explore the topics of learning and memory, methods of research, states of consciousness and analysis of behavior.
SS141 PSYCHOLOGY II

Grades: 11, 12

Prerequisite: Psychology I

Elective credit will be issued for this course.

This course will explore infancy and childhood, adolescence, adulthood, personality theories, psychological testing, stress and health, psychological disorders, methods of therapy, social cognition and social interaction.

SS142W AP PSYCHOLOGY

Grades: 11, 12

Elective credit will be issued for this course.

This course will provide the systematic and scientific study of behavior and mental processes of human beings and other animals. Only students planning to take the Advanced Placement Exam should take this course.

SS155 POPULAR AMERICAN MUSIC

Grades: 10, 11, 12

Elective credit will be issued for this course.

This course will view American History through popular music and introduce students to a different approach used to understand modern American History. This course will include a historical overview of rock ‘n’ roll and popular music based on listening and analysis of selected musical examples representing the stylistic evolution from the 1930s to the present. The social roles and implications of popular American music will be studied.

SS156 HISTORY OF AMERICAN CINEMA

Grades: 9, 10, 11, 12

This course will examine 20th century American culture and society through film. Students will analyze how American cultural and social issues and conflicts are both portrayed and resolved in popular film. By viewing, discussing, and writing about film, students will also examine how motion pictures created a window into modern American society. Students will learn how to read films as cultural texts that help them better understand our history and culture.

SPECIAL EDUCATION

RESOURCE CLASSES

Prerequisite: Offered to eligible students as determined by an Individualized Educational Plan (IEP).

SP170 ENGLISH I A

Grade: 9, 10, 11, 12

This course will utilize a structured language approach that directly teaches all aspects of beginning language arts utilizing a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading.

SP171 ENGLISH I B

Grade: 9, 10, 11, 12

This course will utilize a structured language approach that directly teaches all aspects of beginning language arts utilizing a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading.

SP172 ENGLISH II C

Grade: 9, 10, 11, 12

This course will utilize a structured language approach that emphasizes vocabulary development, reading comprehension and further development of writing skills through grammar and usage.
SP173 ENGLISH II D
Grade: 9, 10, 11, 12
1 Year
1 Credit
This course will utilize a structured language approach that emphasizes vocabulary development, reading comprehension and further development of writing skills through grammar and usage.

SP174 ENGLISH III E
Grade: 9, 10, 11, 12
1 Year
1 Credit
This course will utilize a structured language approach that emphasizes reading comprehension, written, listening and speaking skills.

SP175 ENGLISH III F
Grade: 9, 10, 11, 12
1 Year
1 Credit
This course will utilize a structured language approach that emphasizes reading comprehension, written, listening and speaking skills.

SP176 ENGLISH IV
Grade: 9, 10, 11, 12
1 Year
1 Credit
This course will utilize fiction and non-fiction text to further develop reading comprehension and build vocabulary and analysis skills. Comprehensive writing, listening and speaking skills will be emphasized. This course will prepare students to transition from Resource English to general education English or post-secondary education.

SP115 MATH 1
Grades: 9, 10, 11, 12
1 Year
1 Credit
This course will introduce basic math concepts. Topics will include whole number operations, number sense, number theory, fractions, geometry and measurement, data and statistics.

SP116 MATH 2
Grades: 9, 10, 11, 12
1 Year
1 Credit
This course will cover rationale number operations, equivalency, comparing and ordering, decimals, scientific notation, concept of integers, integer operations, data and probability, and geometry and measurement.

SP117 MATH 3
Grades: 9, 10, 11, 12
1 Year
1 Credit
This course will examine rationale number operations, variables and translations, inequalities, order of operations, properties, functions, proportions, rates and ratios, geometry and measurement, and data and statistics.

SP122 PRE-ALGEBRA
Grades: 9, 10, 11, 12
1 Year
1 Credit
This course will utilize a structured approach to instruction to develop a solid foundation in mathematics. Topics may include algebraic expressions and integers, solving one-step equations and inequalities, decimals and equations, factors, fractions and exponents, operations with fractions, ratios, proportions and percentages, solving equations and inequalities, linear functions and graphing, spatial thinking area and volume, right triangles in algebra, data analysis and probability, nonlinear functions, and polynomials.

SP118 FINANCIAL APPLICATIONS
Grades: 11, 12
1 Year
1 Credit
This course will provide a study in financial management skills. Topics will include money, the banking industry, state and federal taxes, budgets, independent living, real estate ownership and major purchases related to independent living.
SP126 CURRICULUM SUPPORT CLASS

Grades: 9, 10, 11, 12
1 Year
1 Credit

This course is a supplemental to the general education curriculum. Specialized labs will utilize research based curriculum to support identified needs of students, in addition to providing structured reteaching of the general education curriculum, as needed to progress on IEP goals.

SP127 STUDY STRATEGIES

Grades: 9, 10, 11, 12
1 Year
1 Credit
1 Semester
1/2 Credit

This course, formerly known as SELF, is a supplemental to the general education curriculum. Specialized labs will utilize research based curriculum to support identified needs of students, in addition to providing structured re-teaching of the general education curriculum, as needed to progress on IEP goals.

SP131 LAB BIOLOGY

Grades: 9, 10, 11, 12
1 Year
1 Credit

This course will emphasize vocabulary development, reading comprehension and writing skills using biology topics and text. Topic will included cells, interdependence of organisms, biological evolution, matter, energy and living systems.

SP133 ECOLOGY AND ENVIRONMENTAL SCIENCE

Grades: 9, 10, 11, 12
1 Year
1 Credit

This course will emphasize vocabulary development, reading comprehension and writing skills using environmental science topics and text. Students will learn about the relationship between living things and their environment. Topics will include: Arizona wildlife, endangered species, populations, environmental health, pollution, alternative energy sources, and the environmental effects of new technologies.

SP134 EARTH SCIENCE

Grades: 10, 11, 12
1 Year
1 Credit

This course will be a study of the Earth and its environment and the Earth as an object in space. Major topics include: astronomy, geology, weather, and map reading. Students will be expected to write term papers and perform applied mathematical problems related to earth science.

SP135 WORLD STUDIES

Grades: 9, 10
1 Year
1 Credit

This course will emphasize vocabulary development, reading comprehension and writing skills using world studies topics and text. This course will provide a combined study of geography and world history. Students will also develop skills in map reading and the use of reference tools (atlas, dictionaries, and encyclopedia).

SP136 AMERICAN/ARIZONA HISTORY

Grade: 10, 11
1 Year
1 Credit

This course will emphasize vocabulary development, reading comprehension and writing skills using American/Arizona topics and text. The course will cover American and Arizona history from 1900 to the present. Special emphasis will focus on history since the Great Depression and event that affect current issues. A short review of the major historical events of the 17th, 18th, and 19th Centuries will be included.

SP137 ECONOMICS/AMERICAN/ARIZONA GOVERNMENT

Grade: 11, 12
1 Year
1 Credit

This course will meet District graduation requirements for Economics and Government upon completion of the entire year.

This course will not meet the NCAA requirements for Social Studies.

This course will emphasize vocabulary development, reading comprehension and writing skills using American Government and economics topics and text. This course will focus on the rights and responsibilities of an active and informed citizen and provide students with information that prepares them for decision-making within the American Marketing System.
SP140 CAREER CHOICES

<table>
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<tr>
<th>Grade: 9, 10, 11</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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Elective or CTE credit will be issued for this course.

This course will concentrate on career exploration and post high school planning in the areas of education, training, and employment. Students will participate in various career and personal interest assessments and explore career options for the future.

SP400/401 RESPECT/WORK EXPERIENCE

RESPECT CLASS and RESPECT WORK are to be taken concurrently.

<table>
<thead>
<tr>
<th>Grade: 12</th>
<th>1 Year</th>
<th>3 Credits</th>
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This course will meet District graduation requirements for Government and Economics.

Two elective or two CTE credits will be issued for the work portion of the course.

This course will not meet the NCAA requirements for Social Studies.

This course will combine classroom instruction and the world of work. Topics will include work preferences, applying for jobs, interviewing, maintaining jobs, setting career goals, and living independently. A minimum of fifteen hours weekly of approved employment will be required as part of this course.

ACADEMIC SCILLS

SP201 ENGLISH

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<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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This course will utilize a structured language approach that directly teaches all aspects of beginning language arts utilizing a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. This course will stress the real-world applications of reading, writing skills.

SP202 MATH

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

This course will provide instruction in basic math operations to include computational skills, fractions, decimals, time, and money. Emphasis will be placed on the application of math vocabulary, problem solving, banking, and budgeting skills required for daily living. Adapted materials and equipment will be used.

SP203 HUMANITIES/SOCIAL SKILLS

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

This course will provide instruction for skills required to transition from high school to independent adult living. Students will be provided opportunities to engage in age appropriate social skills, develop positive habits, and increase domestic, leisure, and community experiences.

SP204 CAREER EXPLORATION

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

Elective or CTE credit will be issued for this course.

This course will provide instruction for skills required to transition from high school to independent adult living. Pre-vocational skills and community based instruction will be emphasized. Students will be provided opportunities to practice job readiness skills and good work habits. Adapted materials and equipment will be used.

SP205 COMMUNICATIONS

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

This course will provide students with specialized instruction aimed at increasing listening, speaking and self-advocacy skills. Emphasis will be placed on real-world applications and practice of these skills. Application of reading and writing skills in real-world situations will also be included.
SP206 SCIENCE

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>

This course will emphasize vocabulary development, reading comprehension, and writing skills using science topics and text.

SP221 MATH, ENGLISH, HUMANITIES/SOCIAL SKILLS, SCIENCE, COMMUNICATION SKILLS, PRE-VOCATIONAL (FSCILLS)

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 – 6 Credits</th>
</tr>
</thead>
</table>

This course will emphasize instruction that supports functional academic skills and post-secondary adult activities. Instruction includes reading, writing and math skills delivered at a level appropriate for each individual student. Academic instruction will focus on the application of skills in everyday life. Students will also receive communication, social skills and prevocational instruction.

SP239 ACHIEVEMENT THROUGH BASIC LIFE EXPERIENCE (ABLE)

<table>
<thead>
<tr>
<th>Grade: Per IEP team determination</th>
<th>1 Year</th>
<th>4 Credits</th>
</tr>
</thead>
</table>

Elective or CTE credit will be issued for this course.

This course will assist students in acquiring skills necessary to take a more independent and active role in completing daily living tasks and prepare them for transition from the school system into supported post-secondary adult life. The course is intended for students with more involved special needs who require a higher level of support and supervision during life skills instruction communication skills. Young adults in the program will participate in intensive task analysis daily living skills instruction taught in classroom and real life settings, both on and off campus. On campus lessons and skill practice are facilitated in an apartment like setting, while off campus community based instruction is provided during outings to local community sites. Self-advocacy, communication, problem solving and social/behavioral skills will be an underlying focus in all program activities. ABLE is a full-day transition program (periods 2-6) located at Highland High School.

SP240 WORK PLACE READINESS 1

<table>
<thead>
<tr>
<th>Grade: Per IEP team determination</th>
<th>1 Year</th>
<th>4 Credits</th>
</tr>
</thead>
</table>

Elective or CTE credit will be issued for this course.

This course will provide students with an effective combination of daily living and vocational experiences and activities. Students engage in activities through intensive labs incorporating direct instruction, assessment, hands-on participation, and real world/community based instructional opportunities. The dual focus of the program (daily living and vocational) allows students to develop increased independence in areas critical to post-secondary success, preparing for a future of active engagement within their families and communities. STRIVE is a full-day transition program (periods 2-6) located at Highland High School.

SP241 DAILY INDEPENDENT ADULT LIVING SKILLS (DIALS)

<table>
<thead>
<tr>
<th>Grade: 12</th>
<th>1 Year</th>
<th>4 Credits</th>
</tr>
</thead>
</table>

Elective or CTE credit will be issued for this course.

This course is designed to assist students in acquiring important life skills necessary for transitioning from the school setting into post-secondary adult life. Young adults in the program will participate in intensive life skills instruction through real life experiences. On campus lessons are facilitated in and apartment-like setting where the students are provided with hands-on activities designed to promote skill development and increased independence. Community based instruction is provided through regular community outings to assist young adults in gaining experience in accessing and utilizing local community sites while practicing concepts learned in class. Participation in the DIALS program will provide students with instruction and preparation needed to establish a functional level of independence in their post-secondary lives and become active and contributing members within their homes and the community. DIALS is a full-day-transition program (periods 2-6) located at Highland High School.
SP242 WORK PLACE READINESS 2

| Grade: 12 | 1 Year | 4 Credits |

*Elective or CTE credit will be issued for this course.*

This course, formerly known as JOBS, is for students who have not yet completed their vocational transitional goals. This course will assist students with the transition to adulthood through work experiences. Students will be required to be in a work experience setting for a minimum of 15 hours a week. Work experiences can include job shadowing, internships, volunteer work and possible employment. This program is a District program for all 5 high schools (periods 2-6) located at Highland High School.

**EMOTIONAL SOCIAL ADJUSTMENT PROGRAM (ESAP)**

**SP301 ENGLISH I**
**SP302 ENGLISH II**
**SP303 ENGLISH III**
**SP304 ENGLISH IV**

| Grades: 9, 10, 11, 12 | 1 Year | 1 Credit |

This course will provide students the equivalent to regular or resource English.

**SP305 MATH**
**SP306 MATH 1**
**SP309 FINANCIAL APPLICATIONS**

| Grades: 9, 10, 11, 12 | 1 Year | 1 Credit |

This course will provide students the equivalent to regular or resource Mathematics.

**SP310 SOCIAL STUDIES**
**SP311 WORLD STUDIES**
**SP312 AMERICAN/ARIZONA HISTORY**

| Grades: 9, 10, 11, 12 | 1 Year | 1 Credit |

This course will provide students the equivalent to regular or resource Social Studies.

**SP315 SCIENCE**

| Grades: 9, 10, 11, 12 | 1 Year | 1 Credit |

This course will provide students the equivalent to regular or resource Science.

**SP325 INTERPERSONAL COMMUNICATION**

| Grades: 9, 10, 11, 12 | 1 Year | 1 Credit |

This course will provide the skills necessary for students to be successful in the regular education curriculum, as well as the school community.

**SP500 MATH, ENGLISH, HUMANITIES/SOCIAL SKILLS, SCIENCE, COMMUNICATION SKILLS, PRE-VOCATIONAL (MD SCILLS)**

| Grades: 9, 10, 11, 12 | 1 Year | 1-6 Credits |

This course will cover skills in basic living, using a multi-sensory integration approach and augmentative communication devices. These skills will include hygiene, self-care, laundry, kitchen orientation, cooking, shopping, leisure, recreational, pre-vocational and job skills with a functional orientation.

**SPICE I**

**SP601 ENGLISH**

| Grades: 9, 10, 11, 12 | 1 Year | 1 Credit |

This course will utilize a structured language approach that directly teaches all aspects of beginning language arts utilizing a systematic, multi-sensory approach. Based on the student's individual instructional level, topics addressed may include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. This course will stress the real-world applications of reading, writing skills.
SP602 MATH

Grades: 9, 10, 11, 12  1 Year  1 Credit

This course will provide instruction in basic math operations at the student's individual instructional level. Topics addressed may include computational skills, fractions, decimals, time, and money. Emphasis will be placed on the application of math vocabulary, problem solving, banking, and budgeting skills required for daily living. Adapted materials and equipment will be used.

SP603 LIFE APPLICATIONS

Grades: 9, 10, 11, 12  1 Year  1 Credit

This course will provide instruction for students to develop individual independence in school, the world of work, and the community. This classroom will utilize the following supports: Applied Behavioral Analysis, discrete trial format, incidental teaching, augmentative communication devices, Picture Exchange Communication Systems (PECS), social stories, visual cues, TEACCH, structured activities, and providing peer models.

SP604 SCIENCE

Grades: 9, 10, 11, 12  1 Year  1 Credit

This course will emphasize vocabulary development, reading comprehension, and writing skills using science topics and text.

SP605 SOCIAL STUDIES

Grades: 9, 10, 11, 12  1 Year  1 Credit

This course will emphasize vocabulary development, reading comprehension, and writing skills using social studies topics and text.

SPICE II

SP606 INTERPERSONAL COMMUNICATIONS & STUDY STRATEGIES

Grades: 9, 10, 11, 12  1 Year  1 Credit

This course will provide the skills necessary for students to more independently participate in classroom instruction and the school community. Emphasis will be placed on extending and applying socialization, emotional regulation, and study skills.

PILOT COURSES

BT220 COMPUTER SCIENCE & SOFTWARE ENGINEERING  GHS ONLY

Grades: 9, 10  1 Year  1 Credit

Elective or CTE credit will be issued for this course.

This course will focus on developing computational thinking, generating excitement about career paths that utilize computing and introducing professional tools that foster creativity and collaboration. Additional skills taught in this course will include programming expertise, working knowledge of the Internet, app development, visualizing data, cybersecurity, robotics and simulation. This is the first course in a sequence offered by Project Lead The Way (PLTW).

BT800 MEDIA TECHNICIAN INTERNSHIP PROGRAM I  GHS ONLY

Grades: 11, 12  1 Year  1 Credit

Prerequisite: Application and teacher recommendation

Elective credit will be issued for this course.

This program will provide an opportunity for students to participate in day-to-day technology operations. Reporting to the campus Lab Assistant or Media Technician and part of the campus technology team, the Media Tech Intern (MTI) will be trained to provide level one technology support in high schools. Students who participate in the second year of the program may be eligible to provide services to junior high and elementary school campuses in a similar role. Participation in the class will provide the student with a formal job qualification. The class is pass/fail, with the final examination being the creation of a self-selected capstone project.
LM300  EARLY CHILDHOOD EDUCATION III – TOYBOX  

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Intro to TOYBOX or Teacher Preparation I or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$10.00</td>
<td></td>
<td></td>
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</tbody>
</table>

This course may be repeated for credit but not for grade change.

This course is the same as the original TOYBOX Class, but is offered in a condensed one-hour class. Students will work with preschool children two to three times per week, and work on lesson plans and class curriculum on the other days. Participation in a Career and Technical Student Organization (CTSO) is recommended.

LM302  TOYBOX II  

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>TOYBOX or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$10.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course may be repeated for credit but not for grade change.

This course will provide students who are interested in pursuing careers in early childhood education an opportunity to further implement knowledge and skill learned in the TOYBOX class. Students will spend time at an elementary school on a weekly basis, and will take part in planning activities and lessons designed to provide instruction in various curriculum areas. Participation in a Career and Technical Student Organization (CTSO) is recommended.

PA182  INTERMEDIATE TECHNICAL THEATRE  

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Introduction to Technical Theatre</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will satisfy one fine arts credit for Arizona university entrance requirements.

This course will expand on the fundamental knowledge and skills gained in Introduction to Technical Theatre. Students will apply newly acquired skills during production work and will begin the process of design and theatre management. Major topics include stage management and the production process; advanced construction for scenery, properties and costume; design elements and process in lighting, set, sound, and properties and makeup. Students will work in the classroom, auditorium, and scene shop. After-school, evening, and weekend commitments may be expected as students work on Theatre Arts department productions.
The Gilbert Classical Academy (GCA) is an honors level school utilizing one-to-one integrated technology incorporated with Socratic instruction to prepare students for post-secondary education at a university. The six-year curriculum includes core courses in math, science, English, social studies, modern languages, Latin, physical education music and the arts. All students are required to take AP level courses for their upper class core subject areas. GCA is a small school which embodies a strong unity amongst students and the community. All students are required to perform 80 hours of community service in order to graduate, thus building a strong sense of responsibility to one’s community.

Students at the junior high level are able to participate in various sports and they compete against other GPS junior high schools. High school students are members of the AIA competing in various divisions depending on sport. All divisions are based on school size to ensure appropriate competition.

For more information please contact the Registrar at 480-497-4034.
The GPS Global Academy/Online Learning Program provides a challenging, alternative, anytime/anywhere, learning opportunity for Arizona high school students. Students in grades 9-12 can meet their education and graduation requirements by taking courses online as long as they meet one of the following conditions: 1) are enrolled in a public school, 2) are home-schooled, or 3) attend a private school.

It is suggested that students taking online courses be reading at a high school level. Students must also be self-motivated, willing to work independently, able to set goals and manage their own study schedules.

For more information, please contact your school counselor or visit the GPS Global Academy website at www.gilbertschools.net/Page/2209.

The following is a list of courses offered online through the GPS Global Academy. Unless otherwise noted, course descriptions can be found on pages 16-76.

**BUSINESS & TECHNOLOGY – (pages 20-25.)**

*All courses in this department will meet the District requirement for Career and Technical Education (CTE) Credit.*

BT124 21st Century Technology
BT132 Personal Finance

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grade</th>
<th>Duration</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT700</td>
<td>Business Internship/Career Exploration I</td>
<td>12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course will meet District graduation requirement for CTE upon completion of the entire year.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course will not meet the NCAA requirements for Social Studies.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Student must be employed to enroll in this course.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course will provide an opportunity for students to earn elective credit while they are working. Students must work a minimum of 128 hours during the time they are enrolled in the course. Because the course is taken for credit, the employer and supervisor must be an independent, non-family member. Course requirements include uploading current scanned pay stubs, agreements, and an employee evaluation as well as completing and uploading documents related to the student’s work experience. By the end of the course, students will learn how to analyze their personal skills and strengths as they relate to current and future jobs, explore different careers through interviews and observations, and discover what it means to be successful at work.</td>
</tr>
</tbody>
</table>

BT701 Business Internship/Career Exploration II

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grade</th>
<th>Duration</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>12</td>
<td>1 Semester</td>
<td>1/2 Credit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course will meet District graduation requirement for CTE upon completion of the entire year.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course will not meet the NCAA requirements for Social Studies.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Student must be employed to enroll in this course.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>This course will provide an opportunity for students to earn elective credit while they are working. Students must work a minimum of 128 hours during the time they are enrolled in the course. Because the course is taken for credit, the employer and supervisor must be an independent, non-family member. Course requirements include uploading current scanned pay stubs, agreements, and an employee evaluation as well as completing and uploading documents related to the student’s work experience. By the end of the course, students will learn how to identify personal job characteristics as they relate to current and future jobs, explore different careers through interviews and observations, and learn how to write a resume, cover letter, and thank you letter in preparation for finding a job.</td>
</tr>
</tbody>
</table>
ENGLISH – (pages 36-38)

EN105 English I (A/B)
EN205 English II (A/B)
EN305 English III (A/B)
EN405 English IV (A/B)

ESSENTIAL SKILLS – (pages 40)

All courses in this department will meet the Districts requirement for Elective Credit.

ES105 Life Strategies for Teens I

FINE ARTS – VISUAL – (pages 46-49)

All courses in this department will meet the District requirement for Fine Arts Credit.

VA146 Digital Photography I (one semester course)

<table>
<thead>
<tr>
<th>Grade: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

This course does not meet the District requirement for computers.

This course addresses technical and conceptual concepts in relation to historic and contemporary photography. Students experiment with a variety of lighting techniques, parts and use of a digital SLR camera, digital solutions, and conceptual approaches in order to create visually compelling photographs. Students learn how to transfer skills into a career in professional photography. A digital camera is required, DSLR is highly recommended.

VA800 Art History

<table>
<thead>
<tr>
<th>Grade: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

This course will examine the history of art with a focus on Western art. It is designed to increase the student’s knowledge of art, artists, schools, and movements, chronological periods and specific dates, and the subjects, styles and techniques of particular works of art.

GUIDANCE & COUNSELING – (page 50)

All courses in this department will meet the District requirement for Elective Credit.

GC105 Community Volunteer Service

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

Note: Notarized and scanned documents are required for this course. Students must have access to a scanner for submitting documentation throughout the course.

This course will combine an online study of community issues, civic engagement, and career interest with field experience helping out in the community. Students work through online lessons and activities while volunteering at one or more sites such as schools, community organizations, or sports leagues. Online activities focus on personal and interpersonal skill development, leadership, project planning, and employment skills. Online lessons and volunteer hours combined total over 90 hours for a 1/2 elective credit.
MATHEMATICS – (pages 52-55)

To advance from first to second semester in any yearlong course or to continue in a series of successive mathematics courses, a grade of “C” or better is strongly recommended.

MA200/201  Algebra IA/Algebra IB
MA300/301  Geometry A/Geometry B

MA310A ALGEBRAIC FUNCTIONS 1

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Geometry B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course, Algebra IIB or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements. Students who have successfully completed Math Topics 5-6 may not take this course. This course fulfills Arizona university entrance requirements.

This course will extend and apply the concepts of Algebra and Geometry. The curriculum includes the study of linear and quadratic functions, linear systems, conics, powers, roots and radicals, exponential and logarithmic functions, probability sequences and series. Students who have earned credit in Algebra II will only earn elective credit for this course.

MA310B ALGEBRAIC FUNCTIONS 1

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Geometry B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course, Algebra IIB or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements. Students who have successfully completed Math Topics 5-6 may not take this course. This course fulfills Arizona university entrance requirements.

This course will extend and apply the concepts of Algebra and Geometry. The curriculum includes the study of linear and quadratic functions, linear systems, conics, powers, roots and radicals, exponential and logarithmic functions, probability sequences and series. Students who have earned credit in Algebra II will only earn elective credit for this course.

MA400/401  Algebra IIA/ Algebra IIB
MA410  Pre-Calculus (A/B)
MA500  Financial Applications for Life I
MA501  Financial Applications for Life II

MISCELLANEOUS– (pages 56-57)

PE505 DRIVER'S EDUCATION

<table>
<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Student must be at least 15 years and 6 months old</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students must have access to a scanner for submitting documentation throughout the class.</td>
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</tbody>
</table>

This course will provide students with the knowledge, skill, and attitude necessary for performing as a competent vehicle operator and highway user. Driver Education consists of three components: content instruction, simulator experience, and behind the wheel experience. This course fulfills only the first component of driver education – content instruction. This course does not qualify for the Arizona driver's license waiver.

MODERN LANGUAGE – (pages 57-60)

FL109 Spanish I (A/B)
FL110 Spanish II (A/B)
PHYSICAL EDUCATION – (pages 60-63)

PE100 Physical Education (A) 1 Semester

PE102 Physical Education – Bowling I

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Students must have access to a scanner for submitting documentation throughout the class.</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will provide students with an opportunity to learn the basics of bowling so that they may participate, enjoy, and be successful in this popular sport. Students must bowl 18 games at a bowling center. Payment for the 18 games is the student’s responsibility. **Note: Bowling rental fees may apply**

PE103 Physical Education – Bowling II

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Students must have access to a scanner for submitting documentation throughout the class.</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will provide opportunities for students to apply skills learned in Bowling I. Students must bowl 18 games at a bowling center. Payment for the 18 games is the student’s responsibility. Students earn points in this course by completing a wide range of assignments, bowling 18 well documented games, completing reflections after a grouping of games, and scoring percentage points based on personal handicaps. Student’s grades are partially determined on consistently scoring within a personal handicap. **Note: Bowling rental fees may apply**

PE850 Independent Physical Education

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Only one high school credit of P.E. can be earned through Independent Physical Education.</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Independent PE will be granted for the following areas: (for non-GPS School competitive teams) - Individualized training activities for Gymnastics, Dance, Martial Arts, Swimming, or other Olympic-g geared activities. Students will need to submit the following: Official letter from coach, activity log with 90 hours of documented training activities per semester, and a research paper. Students will receive a letter grade.

SCIENCE – (pages 63-65)

SC110 Essential Elements of Science (A/B)

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This course will satisfy one physical science credit for Arizona university entrance requirements.</strong></td>
<td></td>
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</tr>
</tbody>
</table>

This course is an entry-level science course for high school and provides the conceptual foundation for the entire high school science curriculum. Students in this course receive instruction and practice in developing and refining scientific skills and methods that are prerequisites for success in subsequent high school science courses. Using mostly chemistry and physics concepts as a framework, students discover and collect evidence that supports the atomic/molecular theory of matter. These principles lay the groundwork for understanding all biological and chemical relationships. Topics included in this class are scientific processes, the nature and history of science, earth science, basic physics and chemistry.

SC115 Earth Science (A/B)
SC120 Lab Biology (A/B)
SC135 Chemistry (A/B)
SC150 Physics (A/B)

SOCIAL STUDIES – (pages 66-69)

SS100 World Studies (A/B)
SS105 American/AZ History (A/B)
SS110 Economics
SS115 American/Arizona Government
SS135 Sociology
SS140 Psychology
Canyon Valley serves as an educational opportunity for all Gilbert Public Schools students, grades 9-12. Emphasis is placed on credit recovery, acceleration, AIMS preparation and ultimately high school graduation.

Mission Statement: Empower Students
Empowering students to develop positive aspects of themselves in order to succeed in life.

Registration:
Registration at CVS is conducted throughout the course of each school year. Transfer students and boundary exemptions are welcome to enroll at various times each semester dependent on space availability. The registration process includes setting an appointment with the registrar, an intake meeting with administration, and scheduling of classes. In order to complete enrollment, families must provide a birth certificate, immunization records, proof of residency, transcripts, and a withdrawal document. A parent must attend the appointment if the student is less than eighteen years of age. Call the CVS office to schedule an appointment: (480) 507-0519.

Classes
High School Sessions: 7:30 AM to 11:25 AM
11:50 AM to 3:45 PM
2:30 PM to 6:15 PM

High school students can choose from a variety of core academic courses, including all required English, Math, Science, History, and Business courses. Other options include Financial Applications, Math Standards, Student Council, Marketing, and Sociology. Credits are earned at the rate of one-half credit per class, per nine-week block. Attendance is required as stated in District policy, which can be viewed at www.gilbertschools.net

Curriculum:
The curriculum at CVS is aligned to state standards, AIMS Science proficiency, and AZ College and Career Ready Standards. Learning is achieved through direct teacher instruction and self-paced outcome-based curriculum.
Frequently Asked Questions

What is EVIT?
The East Valley Institute of Technology (EVIT) is a public career and technical education school providing more than 30 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., and the East Campus, 6625 S. Power Road - 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
Our mission at the East Valley Institute of Technology is to provide a productive, technically-trained workforce that meets the market-driven needs of business and industry.

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
- FEA: Future Educators Association
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 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.

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, 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 22 years of age or older. High school graduates under 22 are eligible to attend EVIT tuition-free as “Young Graduates.” For more information about the Young Graduates Program, call (480) 461-4000. For more information about programs for students 22 or older, please contact the EVIT Adult Education Center at (480) 461-4028 or visit www.evit.com/adulted.
## EVIT High School Program by Campus

*Note: Subject to change or adjustment based on variety of factors such as student enrollment.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Program Name</th>
<th>Main</th>
<th>East</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA10</td>
<td>3D Animation</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>CS14</td>
<td>Aesthetics</td>
<td></td>
<td>X</td>
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<tr>
<td>AM10</td>
<td>Automotive Technologies</td>
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<td>X</td>
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<tr>
<td>AV05</td>
<td>Aviation</td>
<td></td>
<td></td>
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<tr>
<td>IT20</td>
<td>Cisco Networking Academy</td>
<td></td>
<td>X</td>
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<tr>
<td>AB10</td>
<td>Collision Repair</td>
<td></td>
<td>X</td>
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<tr>
<td>CU20</td>
<td>Commercial Baking and Pastry Arts</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>IT40</td>
<td>Computer Programming and Mobile App Design</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>CT10</td>
<td>Construction</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>CS10</td>
<td>Cosmetology</td>
<td>X</td>
<td>X</td>
</tr>
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<td>CU10</td>
<td>Culinary Arts</td>
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<td>X</td>
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<tr>
<td>MC60</td>
<td>Dental Careers</td>
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<td>X</td>
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<tr>
<td>AM63</td>
<td>Diesel Technologies</td>
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<td>X</td>
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<tr>
<td>IT30</td>
<td>Digital Device Diagnostic and Repair</td>
<td></td>
<td>X</td>
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<tr>
<td>CC10</td>
<td>Early Childhood Education</td>
<td></td>
<td>X</td>
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<tr>
<td>ED10</td>
<td>Education Professions</td>
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<td>X</td>
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<tr>
<td>MC55</td>
<td>Emergency Medical Technician</td>
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<td>X</td>
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<tr>
<td>FIT10</td>
<td>Fashion, Interiors and Textiles</td>
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<td>X</td>
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<tr>
<td>FF10</td>
<td>Fire Science</td>
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<td>X</td>
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<tr>
<td>IT60</td>
<td>Future Engineers</td>
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<tr>
<td>MM30</td>
<td>Graphic Design</td>
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<td>X</td>
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<tr>
<td>AC10</td>
<td>Heating, Ventilation and Air Conditioning (HVAC)</td>
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<td>X</td>
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<tr>
<td>MC10</td>
<td>Human Anatomy &amp; Physiology for Medical Careers</td>
<td>X</td>
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<tr>
<td>IT10</td>
<td>Introduction to Information Technology &amp; Engineering Careers (iTEC)</td>
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<td>X</td>
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<tr>
<td>MM10</td>
<td>Introduction to Multimedia Technologies</td>
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<td>X</td>
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<tr>
<td>LE10</td>
<td>Law Enforcement</td>
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<td>X</td>
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<tr>
<td>MA10</td>
<td>Massage Therapy</td>
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<td>X</td>
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<tr>
<td>MC20</td>
<td>Medical Assistant</td>
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<tr>
<td>MC30</td>
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<td>Pharmacy Technician</td>
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<td>Photography</td>
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<tr>
<td>MC45</td>
<td>Physical Therapy Technician</td>
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<td>X</td>
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<tr>
<td>MT10</td>
<td>Precision Machining Technology</td>
<td></td>
<td>X</td>
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<tr>
<td>RB10</td>
<td>Radio/Audio Production</td>
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<td>X</td>
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<tr>
<td>IT50</td>
<td>Robotics Engineering</td>
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<td>X</td>
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<tr>
<td>MC44</td>
<td>Veterinary Assistant</td>
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<td>X</td>
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<tr>
<td>TV10</td>
<td>Video Production</td>
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<td>X</td>
</tr>
<tr>
<td>MM40</td>
<td>Web Design</td>
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<tr>
<td>WD10</td>
<td>Welding</td>
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</tbody>
</table>
EVIT Counseling/Admission Office

David Pullman – Main Campus, 480-461-4158
dpullman@evit.com

Pauline Acosta – Main Campus, 480-461-4156
pmacosta@evit.com

- 3D Animation
- Cisco Networking Academy
- Commercial Baking & Pastry Arts
- Computer Programming & Mobile App Design
- Culinary Arts
- Digital Device Diagnostic & Repair
- Early Childhood Education
- Education Professions
- Emergency Medical Technician
- Fire Science
- Graphic Design
- Introduction to Multimedia
- Introduction to Information Technology & Engineering Careers (ITEC)
- Law Enforcement
- Massage Therapy
- Photography
- Radio/Audio Production
- Robotics Engineering
- Video Production
- Web Design
- Scholarships/Financial Aid
- Dual Enrollment

- Aesthetics
- Automotive Technology
- Collision Repair
- Construction
- Cosmetology
- Dental Careers
- Diesel Technologies
- Fashion, Interiors and Textiles
- Heating, Ventilation & Air Conditioning
- Human Anatomy & Physiology (MC10)
- Medical Assistant
- Nursing Assistant
- Pharmacy Technician
- Physical Therapy Technician
- Precision Machining Technology
- Welding
- McKinney-Vento
- Non-Traditional Enrollment

Karen Perna – East Campus
480-461-4607
kperna@evit.com

- Aviation
- Cosmetology
- Future Engineers
- Human Anatomy & Physiology (MC10)
- Medical Assistant
- Nursing Assistant
- Veterinary Assistant

Melissa Valenzuela, Director of Enrollment
480-461-4153
mvalenzuela@evit.com

Sylvia Aldaz, Admissions Clerk
480-461-4108
saldaz@evit.com

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Student Services
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registrar@evit.com

Terri Pearson, East Campus
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tpearson@evit.com

Kristie Rogers, Assistant Registrar
Counselor
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krogers@evit.com

Susan Chamberlain, Special Education
480-461-4154
schamberlain@evit.com

Susan Bangerter, Special Education Assistant
480-461-4155
sbangerter@evit.com

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
COMPUTER INFORMATION SYSTEMS

IT10 Introduction to Information Technology & Engineering Careers (iTEC) 2 Semesters
This program prepares students interested in pursuing careers in Engineering and/or Information Technology by introducing them to many different aspects of current technologies: Local Area Networks, Computer Information Systems, Programming and Engineering. The curriculum is designed to provide students with a foundation in the first year after which they can specialize in a chosen career pathway their second year. This is the recommended prerequisite course to the following second year programs: Robotics Engineering, Mobile App & Computer Programming, Cisco Networking Academy and Digital Device Diagnostics & Repair.

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.

IT20 CISCO Networking Academy 2 Semesters
Students in this course will be introduced to the computer-networking field. Instructors cover network terminology and protocols, communication fundamentals in data networks and the Internet. 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 and network standards. The course prepares students for the Cisco Certified Entry Level (CCENT) examination. Students also learn the skills needed to pass the CompTIA Security+ Exams, 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.

Prerequisites: EVIT's Intro. To Information Technology and Engineering Careers (iTEC) course or equivalent education/experience. 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.

IT40 Computer Programming and Mobile App Design 2 Semesters
This program will prepare students interested in pursuing a career in computer programming or mobile application design. Students are challenged to develop computer programs in multiple formats for use in the robotics industry, computer information systems and mobile application design. They will also learn the skills necessary to communicate clearly, cooperate within teams, 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 of the C++ language, including EasyC, RobotC, Objective C, X-Code, Swift and Java Script.

Prerequisites: EVIT’s Intro. To Information Technology and Engineering Careers (iTEC) course or equivalent education/experience. 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.

IT30 Digital Device Diagnostic and Repair 2 Semesters
Learn the skills necessary to obtain ComTIA A+ Certification, and 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 (AAZSRTUT), which teaches valuable skills and provides quality refurbished computers to schools and non-profit organizations across Arizona.

Prerequisites: EVIT’s Intro. To Information Technology and Engineering Careers (iTEC) course or equivalent education/experience. At least 6 high school credits, including 1 Math and 1 English credit: both ‘C’ or better. On track to graduate or a plan for graduation. 2.0 GPA or equivalent standardized test scores.

IT60 Future Engineers 2 Semesters
This program will prepare students interested in 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 score.

Recommended: EVIT’s Intro. To Information Technology and Engineering Careers (iTEC) course or equivalent education/experience.

**IT50 Robotics Engineering**

This program prepares students interested in pursuing careers in robotics and engineering by providing the pre-engineering and robotics skills necessary for entry into postsecondary education programs. Students will be challenged to think critically, solve problems and apply technology-based tools effectively and safely. 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 embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design, build, communicate and operate robotic automation equipment.

**Prerequisites:** EVIT’s Intro. To Information Technology and Engineering Careers (iTEC) course or equivalent education/experience. 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. 2.0 GPA or equivalent standard test score.

**HEALTH SERVICES**

**MC10 Human Anatomy and Physiology for Medical Careers**

This course is designed for students interested in any health-related field and is highly recommended for students interested in advanced training at EVIT. 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 an organization for future health professionals, 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: ‘C’ or better, Biology (may be taken concurrently). 2.0 GPA or equivalent standardized test score.

**MC60 Dental Careers**

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 job shadowing. During the second semester, skills and experience are gained through internships at local dental offices. Students are required to complete and 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 score.

**MC55 Emergency Medical Technician**

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 the state and national EMT examinations.

*Please note: Students must be 18 years old by June 30 following completion and a U.S. Citizen or legal resident to take certification exam. 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, 1 Algebra credit, and 1 English credit: ‘C’ or better. No criminal record. 2.5 GPA or equivalent standardized test score.

MC10 Massage Therapy
2 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.

Please note: Students may be randomly drug tested.

Prerequisites: 2 English credits and Biology or MC10: ‘C’ or better. No criminal record. 2.0 GPA or equivalent standardized test score.

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 clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG.

Please note: Students may be randomly drug tested.

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

MC30 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. Students must provide their own transportation to the clinical sites. The Arizona State Board of Nursing requires proof of legal status to test for or renew certification or licensure.

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. 2.5 GPA or equivalent standardized test score.

MC43 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: Students who have taken EVIT’s MC10 or 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. No criminal record. 2.5 GPA or equivalent standardized test score.

MC45 Physical Therapy Technician
2 semesters
Physical therapist technicians or aides help therapists 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.

**Please note: 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 Math and 1 English credit: both ‘C’ or better. 2.5 GPA or equivalent standardized test scores.

**MC44 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 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: both ‘C’ or better. 2.0 GPA or equivalent standardized test scores

**HUMAN SERVICES**

**CS14 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 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. 2.0 GPA or equivalent standardized test scores. Recommended: Foods I and/or Foods II or work experience in the field.

**CS10 Cosmetology** 4 semesters (1,600 clock hours)
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.

**CU10 Culinary Arts** 2-4 semesters
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.

**CC10 Early Childhood Education**

Gain hands-on experience in an on-site lab school, operated by Bridges Preschool, while learning how to interact with young children and facilitate developmentally-appropriate activities. First-year students focus on early childhood philosophy, career opportunities and current issues in health, nutrition and special education. 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).

**ED10 Education Professions**

Identify philosophies and develop a leadership and teaching style. The college prep curriculum includes a survey study of the teaching profession and educational theories of learning. Conduct research, create lessons and present concepts. Participate in various job shadowing experiences.

**Prerequisites:** Seniors only

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).

**FIT10 Fashion, Interiors and Textiles**

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, Cosmetology Masquerade and Block of Dreams. 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:** Seniors only

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 Construction**

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 Heating, Ventilation and Air Conditioning (HVAC)**

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.
On track to graduate or a plan for graduation. 2.0 GPA or equivalent standardized test scores

**MT10 Precision Manufacturing 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.

**WD10 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. 2.0 GPA or equivalent standardized test scores.

**MULTIMEDIA**

**DA10 3D Animation** 2-4 semesters
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.

**MM30 Graphic Design** 2 semesters
This program will prepare students interested in pursuing a career in Graphic 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 and client based projects. Students work individually and in teams to create real-world projects, build digital portfolios and create resumes.

**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 scores.

**MM10 Introduction to Multimedia Technologies** 2 semesters
This program will prepare students interested in pursuing a career in digital photography and/or design-related field. Students will be challenged to utilize the latest digital photographic cameras, manipulate light, shadow and surrounding objects to capture images. Students will use Adobe Photoshop and Illustrator to manipulate the images in unique and creative formats. Students will work individually and in teams to create layouts, portfolios, etc. This course is the recommended prerequisite course to be taken prior to Graphic Design, Web Design or Photography.

**Prerequisites:** 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 scores.

**MM20 Photography** 2 semesters
This program prepares students interested in pursuing a career in a digital photography related field. Students will be challenged to utilize the latest digital photographic cameras and manipulate light, shadow and
surrounding objects to capture images. Students use Adobe Photoshop and Illustrator to manipulate the images in unique and creative formats. Students work both individually and in teams to create layouts, portfolios, etc.

**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. On track to graduate or a plan for graduation. 2.0 GPA or equivalent standardized test scores.

**RB10 Radio/Audio Production**

2-4 semesters

EVIT's Radio/Audio Production program is home to KVIT, 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.

**Prerequisites:** At least 6 high school credits, including 1 English credit: 'C' or better. 2.0 GPA or equivalent standardized test scores.

**TV10 Video Production**

2-4 semesters

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 film-making, 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.

**MM40 Web Design**

2 semesters

This program prepares students with the skills necessary to be competitive in the web design industry. Students learn Design Theory and multimedia applications to develop web advertising and marketing materials. Upon completion of this course, students are proficient in creating, developing and publishing web design projects. Students work individually and in teams to create real-world projects. Students create their own individual web site promoting their design and photography capabilities that includes a portfolio page of images created in class. The curriculum includes training in a copyright laws and valuable applications that are commonly used in the industry, such as InDesign and Dreamweaver, in addition to other graphic arts tools.

**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 scores.

**PUBLIC SAFETY & SECURITY**

**FF10 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.

*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.

**LE10 Law Enforcement**

2-4 Semesters

Prepare for a career in criminal justice or a law enforcement-related field. Training includes crime scene investigations, forensics, physical fitness, report writing, patrol procedures, tactical operations and interview skills. Gain a strong foundation for organization and operation of the criminal justice system, including police, courts, jails, prisons, probation and parole and community corrections agencies. This program operates like a police academy, including rigorous physical training to prepare students for employment, an advanced degree or the military.

*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.

**TRANSPORTATION TECHNOLOGIES**

**AM10 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.

**AB10 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 refinish 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 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.

**AV05 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. On track to graduate or a plan for graduation. 2.5 GPA or equivalent standardized test scores.