COURSE DESCRIPTION BOOK 2020 - 2021
Gilbert Public Schools
2020 – 2021 Course Description Catalog
Grades 9-12

Governing Board
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Shawn McIntosh, Executive Director of Elementary Education, OTM
Dawn Antestenis, Director of Marketing and Communications

Gilbert High School
Christopher Stroud, Principal
1101 East Elliot Road
Gilbert, Arizona 85234
(480) 497-0177

Highland High School
Melinda Murphy, Principal
4301 E Guadalupe Road
Gilbert, Arizona 85234
(480) 813-0051

Mesquite High School
Dr. Joyce Meyer, Principal
500 South McQueen Road
Gilbert, Arizona 85233
(480) 632-4750

Campo Verde High School
Krista Cox, Principal
3870 South Quartz Street
Gilbert, Arizona 85296
(480) 545-3100

Desert Ridge High School
DJ Spetz, Principal
10045 East Madero Avenue
Mesa, Arizona 85212
(480) 984-8947

Canyon Valley
Chad Fitzgerald, Principal
7007 East Guadalupe Road
Mesa, Arizona 85212
(480) 507-0519

Gilbert Classical Academy
Dan Hood, Principal
1016 N Burk St
Gilbert, Arizona 85234
(480) 497-4034

Gilbert Classical Academy is a 7-12 school. Its Course Description Book can be found by visiting
http://gca.gilbertschools.net/academics
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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, religion, 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. 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 number or email listed below.

As to issues regarding disability discrimination:

Director of Special Education Section 504/ADA Coordinator Gilbert Unified School District
Phone: 480-497-3377
discrimination@gilbertschools.net

As to issues regarding any other type of discrimination:

District Hearing & Compliance Officer Gilbert Unified School District
Phone – 480-497-3421
discrimination@gilbertschools.net

Notificación Pública de No Discriminación

El Distrito Escolar Unificado de Gilbert no discrimina por motivos de raza, color, religión, origen nacional, sexo, edad o discapacidad en la admisión a sus programas, servicios o actividades, en el acceso a ellos, en el tratamiento de personas o en cualquier aspecto de sus operaciones. La falta de habilidades en el idioma inglés no será una barrera para la admisión o participación en las actividades y programas del distrito. El Distrito Escolar Unificado de Gilbert tampoco discrimina en sus prácticas de contratación o de empleo.

Este aviso se proporciona como lo requiere el Título VI de la Ley de Derechos Civiles de 1964, la Sección 504 de la Ley de Rehabilitación de 1973, el Título IX de las Enmiendas de Educación de 1972, la Ley de Discriminación por Edad de 1975 y la Ley de Estadounidenses con Discapacidades de 1990.

Las preguntas, quejas o solicitudes de información adicional con respecto a estas leyes, se pueden enviar al coordinador(es) de cumplimiento designado a 140 S. Gilbert Road, Gilbert, AZ 85296, o al número de teléfono o correo electrónico que se anotan a continuación.

En lo que se refiere a los asuntos relacionados con la discriminación por discapacidad:

Director(a) de la Sección 504 de Educación Especial/Coordinador(a) de ADA del Distrito Escolar Unificado de Gilbert
Teléfono: 480-497-3377
discrimination@gilbertschools.net

En cuanto a los asuntos relacionados a cualquier otro tipo de discriminación:

Oficial de Cumplimiento y Audiencia del Distrito Escolar Unificado de Gilbert
Teléfono: 480-497-3421
discrimination@gilbertschools.net
### GILBERT PUBLIC SCHOOLS GRADUATION REQUIREMENTS

### ARIZONA UNIVERSITY ENTRANCE REQUIREMENTS

<table>
<thead>
<tr>
<th>Curriculum Area</th>
<th>Gilbert Public Schools Graduation Requirements</th>
<th>Arizona University Entrance Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
<td>4 credits Refer to course description for courses that meet this university entrance requirement.</td>
</tr>
<tr>
<td>Math</td>
<td>4 credits</td>
<td>4 credits Refer to course description for courses that meet this university entrance requirement.</td>
</tr>
<tr>
<td>Science</td>
<td>3 credits</td>
<td>3 Lab Science credits Must include at least three of the five areas: Chemistry, Physics, Earth, Integrated, and Biological sciences. Refer to course description for courses that meet university entrance requirements for each area.</td>
</tr>
<tr>
<td>History and Social Sciences</td>
<td>3 credits</td>
<td>2 credits</td>
</tr>
<tr>
<td>Physical Education</td>
<td>1 credit</td>
<td>0 credit</td>
</tr>
<tr>
<td>CTE/Fine Arts</td>
<td>2 credits (any combination)</td>
<td>1 CTE or Fine Arts Credit Students must complete one credit of Fine Arts from the following areas: music, art, theater, or dance, OR one credit of CTE from the same program area. Refer to course description for courses that meet this university entrance requirement.</td>
</tr>
<tr>
<td>Electives</td>
<td>5 credits</td>
<td>0 credit</td>
</tr>
<tr>
<td>World Languages</td>
<td>0 Credit</td>
<td>2 credits Students must complete two years of the same language.</td>
</tr>
<tr>
<td><strong>Total Credits Required</strong></td>
<td><strong>22 credits</strong></td>
<td><strong>16 credits</strong></td>
</tr>
</tbody>
</table>

Students must obtain a passing score on the American Civics Act Exam to graduate.

SAT or ACT Exam may be required Contact the college or university of your choice for specific entrance requirements, including GPA, rank or test scores.

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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.

- **History and Social Sciences (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, Intermediate Algebra, or complete a math personal curriculum plan.

- **Science (3 credits)** – This requirement will be met by earning three credits in science. 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), World Languages, and Student Council. CTE/FA4 credits will not meet the CTE/Fine Arts credit needed for Arizona university entrance.

- **Electives (5 credits)** – This requirement will be met by successfully completing any five 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.

**NATIONAL COLLEGIATE ATHLETIC ASSOCIATION – NCAA**

Please check with the NCAA campus advisor for information regarding NCAA academic requirements or visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

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**Gilbert Public High Schools**

**4-Year General Studies (Sample)**

**Freshmen Year:**
- English
- Science
- Math
- Physical Education
- Elective/Fine Arts-CTE
- World Languages

**Sophomore Year:**
- English
- Science
- Math
- History and Social Sciences
- World Language
- Elective/Fine Arts-CTE

**Junior Year:**
- English
- Science
- Math
- History and Social Sciences
- Elective/Fine Arts-CTE
- Elective

**Senior Year:**
- English
- Math
- History and Social Sciences
- Elective

*Students must obtain a passing score on the American Civics Act Exam to graduate.*

High school students must enroll in the minimum number of GPS class periods per semester as required in District Policy IIE. All students will meet with their school counselor to devise a four-year plan during the first semester of freshman year.

Gilbert Public Schools and Global Academy provide a spectrum of opportunities for students to engage in online learning in order to personalize their academic path. Students may choose to sequence their coursework in ways that meet their personal needs, with the guidance of their parents, school counselor and Global Academy staff. Students may contact their campus for more information.
CAREER PATHWAYS

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 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 path 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, Digital Communications, Photo, Digital Photo, Art and Design, Ceramics, Cartooning, Graphic Design, Metals/Jewelry, Speech, Journalism, Dance, Painting, Drawing, Music, Web Development, Drama, Design &amp; Merchandising, Various World Languages</td>
</tr>
<tr>
<td>Business Systems</td>
<td>This path 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, Personal Finance, Entrepreneurship, Financial Applications</td>
</tr>
<tr>
<td>Engineering and Industrial Education</td>
<td>This path includes programs related to the technologies necessary to design, develop, install, or maintain physical systems. These may include engineering and related technologies, mechanics and repair, manufacturing technology, precision production, electronics, and construction.</td>
<td>Hardware Designer, Carpenter, Architect, Roofer, Chemist, Marine Architect, Auto Mechanic, Electrician, Machinist, Welder, Communications Technician, Painter, Engineers: Automotive, Chemical, Computer, Civil, Electrical, Manufacturing</td>
<td>Ag Fabrication, Ag Engineering, Technical Theatre, Woodworking &amp; Construction, Electronics &amp; Robotics, Automotive, Computer Refurbishing, Engineering &amp; Design, Digital Electronics</td>
</tr>
<tr>
<td>Health Services</td>
<td>This path 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 school 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 futures. 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.
Important Information

ENROLLMENT IN ADVANCED CLASSES

ADVANCED PLACEMENT
Advanced Placement (AP) classes are available at all GPS high schools. AP courses prepare students
to take the national Advanced Placement Examinations given in the late spring of each school year.
Students may be granted advanced placement status and/or college credit based on 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. For more information, see the Counseling
office or please visit www.apcentral.collegeboard.com. Please be aware that many universities will
unweight grades for admission purposes.

DUAL ENROLLMENT
Select colleges/universities and Gilbert Public Schools have designed cooperative programs that allow
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 college credit, they must pay community college tuition.
They may also need to meet minimum entrance requirements. 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. Students should check transferability of their courses to
in-state universities by visiting www.aztransfer.com. Acceptance and applicability of transfer credits by
out-of-state universities varies by institution. Courses, which may be offered for 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.

COLLABORATIVE CREDIT
Information regarding alternative credits, i.e., online instruction, collaborative credit, and summer
school may be obtained through the school’s 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, a school counselor and an
   administrator must sign the collaborative credit form prior to the start of this college class.
2. It is recommended that the following GPS core classes be taken at the high school in order to
   receive the grade level academic standard instruction:
   ● the four English credits
   ● the first three Science credits
   ● the first four Math credits
   ● all three History and Social Sciences credits
   Any of the above courses taken at any Community College or University are subject to prior
   review and approval by a school counselor and administrator on the high school campus.
3. Classes earning between three (3) and five (5) credit hours will receive one half credit (.5) to
   be awarded toward graduation requirements.
4. GPS will not accept Community College or University classes as weighted grades.
5. 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.

**Courses that may be 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>LM104</td>
<td>Interior Design I</td>
</tr>
<tr>
<td>AG205</td>
<td>Ag Science – Landscaping/Ag Plant I</td>
<td>LM105</td>
<td>Interior Design II</td>
</tr>
<tr>
<td>AG208</td>
<td>Ag Science – Veterinary Science</td>
<td>LM112</td>
<td>Teacher Prep I</td>
</tr>
<tr>
<td>AG221</td>
<td>Ag Engineering and Fabrication II</td>
<td>LM300/301</td>
<td>TOYBOX</td>
</tr>
<tr>
<td>AG306</td>
<td>Advanced Landscaping/Ag Science Plant I</td>
<td>MA408</td>
<td>College Mathematics</td>
</tr>
<tr>
<td>AG310</td>
<td>Ag Business and Management</td>
<td>MA409</td>
<td>College Algebra</td>
</tr>
<tr>
<td>AG400</td>
<td>Advanced Agriculture</td>
<td>MA410</td>
<td>Pre-Calculus</td>
</tr>
<tr>
<td>BT123</td>
<td>Computer Technology for College and Career Readiness</td>
<td>MA414W</td>
<td>AP Statistics</td>
</tr>
<tr>
<td>BT125</td>
<td>Technology In Today's World</td>
<td>MA415W</td>
<td>Honors Pre-Calculus</td>
</tr>
<tr>
<td>BT126</td>
<td>21st Century Business Practices</td>
<td>MA416W</td>
<td>AP Calculus AB</td>
</tr>
<tr>
<td>BT132</td>
<td>Personal Finance</td>
<td>MA417W</td>
<td>AP Calculus BC</td>
</tr>
<tr>
<td>BT140</td>
<td>Marketing Education</td>
<td>MA419W</td>
<td>Calculus III</td>
</tr>
<tr>
<td>BT142W</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>PA171W</td>
<td>AP Music Theory</td>
</tr>
<tr>
<td>BT156</td>
<td>Game Development II</td>
<td>PA177</td>
<td>Advanced Theatre Arts</td>
</tr>
<tr>
<td>BT199</td>
<td>AP Computer Science Principles</td>
<td>PE501</td>
<td>Sports Medicine II</td>
</tr>
<tr>
<td>BT200</td>
<td>AP Computer Science</td>
<td>PE502</td>
<td>Sports Medicine III</td>
</tr>
<tr>
<td>BT211</td>
<td>Build Your Own Business</td>
<td>PE503</td>
<td>Sports Medicine Internship</td>
</tr>
<tr>
<td>BT212</td>
<td>Advertising Strategies and Economics</td>
<td>SC122W</td>
<td>AP Biology</td>
</tr>
<tr>
<td>BT400</td>
<td>Advanced Business</td>
<td>SC131W</td>
<td>AP Environmental Science</td>
</tr>
<tr>
<td>BT405</td>
<td>Advanced Marketing</td>
<td>SC139W</td>
<td>AP Environmental Science/Sustainability</td>
</tr>
<tr>
<td>BT510</td>
<td>Broadcasting and Video Production I</td>
<td>SC132</td>
<td>Marine Biology</td>
</tr>
<tr>
<td>BT511</td>
<td>Broadcasting and Video Production II</td>
<td>SC137W</td>
<td>AP Chemistry</td>
</tr>
<tr>
<td>EN412W</td>
<td>English IV – Literature and Advanced Research Composition</td>
<td>SC145</td>
<td>Anatomy and Physiology</td>
</tr>
<tr>
<td>EN417</td>
<td>English IV - Composition 101</td>
<td>SC146W</td>
<td>Honors Anatomy and Physiology</td>
</tr>
<tr>
<td>EN418</td>
<td>English IV – Composition 102</td>
<td>SC151W</td>
<td>AP Physics 1</td>
</tr>
<tr>
<td>FL113W</td>
<td>Spanish III</td>
<td>SC152W</td>
<td>AP Physics 2</td>
</tr>
<tr>
<td>FL114W</td>
<td>Spanish IV</td>
<td>SC203W</td>
<td>Engineering Design and Development</td>
</tr>
<tr>
<td>FL211W</td>
<td>French III</td>
<td>SC205W</td>
<td>Computer Integrated Manufacturing (CIM)</td>
</tr>
<tr>
<td>FL212W</td>
<td>French IV</td>
<td>SC602W</td>
<td>Geology</td>
</tr>
<tr>
<td>FL411W</td>
<td>German III</td>
<td>SS106W</td>
<td>AP American History</td>
</tr>
<tr>
<td>FL412W</td>
<td>German Conversation and History</td>
<td>SS107W</td>
<td>AP European History</td>
</tr>
<tr>
<td>FL511W</td>
<td>Japanese III</td>
<td>SS108W</td>
<td>AP Human Geography</td>
</tr>
<tr>
<td>FL512W</td>
<td>Japanese IV</td>
<td>SS142W</td>
<td>AP Psychology</td>
</tr>
<tr>
<td>FL610</td>
<td>American Sign Language II</td>
<td>VA102</td>
<td>Art &amp; Design II - Painting</td>
</tr>
<tr>
<td>FL611W</td>
<td>American Sign Language III</td>
<td>VA123</td>
<td>Ceramics III</td>
</tr>
<tr>
<td>IE110</td>
<td>Automotive Technology I</td>
<td>VA124</td>
<td>Ceramics IV</td>
</tr>
<tr>
<td>IE111</td>
<td>Automotive Technology II</td>
<td>VA126</td>
<td>3-D Art II</td>
</tr>
<tr>
<td>IE112</td>
<td>Automotive Technology III</td>
<td>VA142</td>
<td>Photo Imaging II</td>
</tr>
<tr>
<td>IE200</td>
<td>Computer Refurbishing (SIRUT I)</td>
<td>VA143</td>
<td>Photo Imaging III</td>
</tr>
<tr>
<td>IE201</td>
<td>Computer Refurbishing (SIRUT II)</td>
<td>VA144</td>
<td>Photo Imaging IV</td>
</tr>
<tr>
<td>LM100</td>
<td>Clothing I</td>
<td>VA150</td>
<td>Graphic Design I</td>
</tr>
<tr>
<td>LM102</td>
<td>Fashion Design I</td>
<td>VA151</td>
<td>Graphic Design II</td>
</tr>
<tr>
<td>LM103</td>
<td>Fashion Design II</td>
<td>VA170</td>
<td>AP Art History</td>
</tr>
</tbody>
</table>
EAST VALLEY INSTITUTE OF TECHNOLOGY (EVIT)
EVIT is a public, career technological education district (CTED) that serves students from eleven 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, for most programs, will only be provided for students who are currently enrolled in a credit bearing class at their home school. When calculating additional course fees, EVIT classes are not included. More information can be found starting on page 86.

ENROLLMENT REQUIREMENTS
High school students must enroll in the minimum number of GPS class periods per semester as required in District Policy IIE. High school students may enroll in a combination of campus and online courses. For Global Academy enrollment requirements, visit gilbertschools.net/global. Please refer to Governing Board Policies IIE and IKF for additional information.

SCHEDULE CHANGE PROCESS
Schedule changes may be requested through the school’s Counseling Department. Schedule changes may only include level changes or incorrect placements. Please contact your school’s Counseling Department regarding specific schedule change protocols and timelines. Students who withdraw from a course after the 9-week period, will receive a “Withdraw/Fail” (WF) for that course.

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 many universities will unweight grades for admission purposes.

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 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 may be required to 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. A comprehensive list of fees can be found in the back of this book. 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= A</td>
<td>A = 4.0</td>
<td>A = 5.0</td>
</tr>
<tr>
<td>80-89 = B</td>
<td>B = 3.0</td>
<td>B = 4.0</td>
</tr>
<tr>
<td>70-79 = C</td>
<td>C = 2.0 / P = 2.0</td>
<td>C = 3.0</td>
</tr>
<tr>
<td>60-69 = D</td>
<td>D = 1.0</td>
<td>D = 1.0</td>
</tr>
<tr>
<td>59-0 = F</td>
<td>F = No credit</td>
<td>F = No Credit</td>
</tr>
</tbody>
</table>

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 many universities will unweight grades for admission purpose. Weighted courses taken in another district must correlate with the Gilbert Public Schools weighted courses in order for weighted credit to be awarded.

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, Community Volunteer Service, Peer Leadership, Parallel Learning, and Campus Internship courses 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 five (5) class periods. The sixth 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.
GRADUATION

STATE MANDATED ASSESSMENTS
The Arizona State Department of Education requires that grade 10 students participate in AzM2 for English Language Arts and Mathematics. Grade 9 students participate in AIMS Science. Students enrolled in grade 11 will participate in the ACT. Students must obtain a passing score on the American Civics Exam to graduate.

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:

Cohorts 2021, 2022, and 2023:
- 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 where they are graduating from, and must be enrolled in a minimum of five (5) class periods (full time status) per semester.
- Please keep in mind that the GPA school ranking is not necessarily the same as the rankings under this system.

Beginning with Cohort 2024:
- Class rank will be used to determine the Valedictorian/Salutatorian distinction. In addition, recognition will be made for students who are in the top 1% of their class. Weighted classes will be included when determining class rank and will be identified on a student’s transcript.
- 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 from which they are graduating and must be enrolled in a minimum of five (5) class periods (full time status) per semester.

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

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 seniors with deficiencies at the end of their eighth semester must complete all coursework 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 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.

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Science</th>
<th>Economics</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG100</td>
<td>Applied Biological Systems</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>AG201</td>
<td>Ag Science – Animal</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>AG205</td>
<td>Ag Science – Landscaping/Ag Plant I</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AG208</td>
<td>Ag Science – Veterinary Science</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>AG310</td>
<td>Ag Business and Management</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>AG400</td>
<td>Advanced Agriculture</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>BT140</td>
<td>Marketing Education</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>BT212</td>
<td>Advertising Strategies and Economics</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>BT400</td>
<td>Advanced Business</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>LM400</td>
<td>Advanced FACS</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>SS111</td>
<td>Stock Market</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>SP400/401</td>
<td>Respect Class/Work Experience</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
CAREER AND TECHNICAL EDUCATION

Gilbert Unified School District’s Career and Technical Education department does not discriminate in enrollment or access to any of the available programs, examples: agriculture, automotive, business, culinary, engineering, marketing, and theatre.

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

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

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.

AG201 AG SCIENCE-ANIMAL

<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>
</tr>
</tbody>
</table>

May 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 or one CTE 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, 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>

May 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 or one CTE 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.
**AG208 AG SCIENCE- VETERINARY SCIENCE**

Grades: 10, 11, 12  1 Year  1 Credit

Prerequisite: Applied Biological Systems or application and approval

Fee: $15.00

May 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 or one CTE 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**

Grades: 10, 11, 12  1 Year  1 Credit

Prerequisite: Beginning Ag Fabrication or Ag Engineering and Fabrication I

Fee: $25.00

May be taken for dual credit.

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

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

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, welding and cutting), 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**

Grades: 11, 12  1 Year  1 Credit

Prerequisite: Ag Science Plant I

Fee: $25.00

May be taken for dual credit.

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

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**

Grades: 11, 12  1 Year  1 Credit

Prerequisite: 1 year of any Agriculture Education course or application and approval

Fee: $15.00

May be taken for dual credit.

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

This course will not meet the NCAA requirements for History and Social Sciences.

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

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**

Grades: 11, 12  1 Year  1 Credit

Prerequisite: 1 year of any Agriculture Education course or application and approval

Fee: $10.00

This course may be repeated for credit.

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 satisfy one CTE credit for Arizona university entrance requirements.

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:</th>
<th>12</th>
<th>1 Year</th>
<th>3 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>1 year of related Career and Technical Education (CTE) coursework in a related discipline, application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$15.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>May be taken for dual credit.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>This course will meet District graduation requirements for Economics and/or CTE/Fine Arts upon completion of the entire year.</td>
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<td></td>
<td></td>
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<tr>
<td>Two elective credits will be issued for the work portion of the course.</td>
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<tr>
<td>This course will not meet the NCAA requirements for History and Social Sciences.</td>
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<tr>
<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</td>
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</tbody>
</table>

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.

BIOMEDICAL EDUCATION

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>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00 per semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective or Career and Technical Education credit will be issued for this course.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>This course may not be repeated.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upon successful completion of this course, students may be eligible to earn college credit.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</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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<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00 per semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective or Career and Technical Education credit will be issued for this course.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>This course may not be repeated.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upon successful completion of this course, students may be eligible to earn college credit.</td>
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<td></td>
</tr>
<tr>
<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</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>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00 per semester</td>
<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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<td></td>
<td></td>
</tr>
<tr>
<td>This course may not be repeated.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Upon successful completion of this course, students may be eligible to earn college credit.</td>
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<td></td>
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<tr>
<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</td>
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</tbody>
</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>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00 per semester</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Elective or Career and Technical Education credit will be issued for this course.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>This course may not be repeated.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Upon successful completion of this course, students may be eligible to earn college credit.</strong></td>
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<tr>
<td><strong>This course will satisfy one CTE credit for Arizona university entrance requirements.</strong></td>
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</table>

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**

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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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</thead>
<tbody>
<tr>
<td><strong>May be taken for dual credit.</strong></td>
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<tr>
<td><strong>This course will satisfy one CTE credit for Arizona university entrance requirements.</strong></td>
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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 digital 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**

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<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><strong>This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with BT125.</strong></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 Future Business Leaders of America (FBLA) is recommended.

**BT125 TECHNOLOGY IN TODAY’S WORLD**

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<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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<tbody>
<tr>
<td><strong>May be taken for dual credit.</strong></td>
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<tr>
<td><strong>This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with BT124.</strong></td>
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</table>

This course will address the use of technology that most individuals will encounter in today’s world. This course will explore emerging technologies and their uses. It will help students become proficient with today’s technology and model skills that will help them be better learners and citizens. Topics will include coding, social media, meme, photo editing, blogging, digital learning portfolio, Google applications, wikis, voice threads, podcasting, videos, vod-casting, Really Simple Syndication (RSS), web design, personal learning networks, and digital citizenship. Participation in Future Business Leaders of America (FBLA) is recommended.
BT126 21ST CENTURY BUSINESS PRACTICES

Grades: 10, 11, 12 1 Year 1 Credit
Prerequisite: 21st Century Applications or Technology in Today's World (formerly 21st Century Technology)
May be taken for dual credit.
This course may be repeated for credit.
This course will satisfy one CTE credit for Arizona university entrance requirements.

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 Future Business Leaders of America (FBLA) is recommended.

BT140 MARKETING EDUCATION

Grades: 9, 10, 11, 12 1 Year 1 Credit
May be taken for dual credit.
This course will meet the District graduation requirement for Economics upon completion of the entire year.
This course will not meet the NCAA requirements for History and Social Sciences.
This course will satisfy one CTE credit for Arizona university entrance requirements.

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. The course also addresses economic principles and concepts, including a focus on personal finance, economic reasoning, market systems, and the domestic and global economies. Participation in Distributive Education Clubs of America (DECA) 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 satisfy one CTE credit for Arizona university entrance requirements.

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.

BT142W ADVANCED MARKETING (SPORTS & ENTERTAINMENT)

Grades: 11, 12 1 Year 1 Credit-Weighted Grade
Prerequisite: Marketing Education or application and approval
May be taken once for dual credit.
This course may be repeated for credit.
This course will satisfy one CTE credit for Arizona university entrance requirements.

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 Distributive Education Clubs of America (DECA) is recommended.

BT145 ENTREPRENEURSHIP (Business Ownership)

Grades: 11, 12 1 Year 1 Credit
This course will not meet the NCAA requirements for History and Social Sciences.
This course will satisfy one CTE credit for Arizona university entrance requirements.

This course provides an integrated approach of teaching and learning as students enhance their technical knowledge and skills that are associated with successful entrepreneurs. Students completing this course will also develop an understanding of the nature of a small business, determine individual potential as an entrepreneur, and develop a business plan.
BT150 COMPUTER PROGRAMMING I

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

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

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.

BT155 GAME DEVELOPMENT I

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

This course will introduce the game industry, game history, game terminology, fun theory, art theory, game theory, storyboarding, graphics design, sprite animation, game analysis, logic, best coding practices, object-oriented computer programming languages and concepts as they apply to video game development. Students will utilize hands-on experience to create 2-D and 3-D multi-genre original games.

BT156 GAME DEVELOPMENT II

Grades: 10, 11, 12
1 Year
1 Credit

Prerequisite: Game Development I

May be taken for dual credit.

This course will emphasize advanced topics: game industry, game history, game terminology, fun theory, art theory, game theory, storyboarding, graphics design, sprite animation, game analysis, logic, best coding practices, object-oriented computer programming languages, game physics, artificial intelligence, and concepts as they apply to video game development and mobile devices. Students will utilize hands-on experience to create apps, 2-D and 3-D multi-genre original games.

BT157 GAME DEVELOPMENT III

Grades: 11, 12
1 Year
1 Credit

Prerequisite: Game Development II

This course may be repeated for credit.

This course will emphasize advanced topics: game industry, game history, game terminology, fun theory, art theory, game theory, storyboarding, graphics design, sprite animation, game analysis, logic, best coding practices, object-oriented computer programming languages, game physics, AI, and concepts as they apply to video game development and mobile devices. Students will utilize hands-on experience to create Apps, 2-D and 3-D multi-genre original games. This course will be more like a real-life programming shop that is heavily project-based with opportunities to take on specialized roles.

BT199W AP COMPUTER SCIENCE PRINCIPLES

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

Prerequisite: Algebra I

May be taken for dual credit.

This course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity, and how computing impacts our world. Students will develop the computational thinking skills needed to fully exploit the power of digital technology, along with collaborative skills to help build a strong foundation in core programming and problem-solving. This course is designed to be an equivalent to an introductory college computing course. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.
BT200W AP COMPUTER SCIENCE A

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

Prerequisite: Algebra I, programming experience recommended

May be taken for dual credit.

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

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. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

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BT210 EXPLORING THE CORPORATE WORLD

Grades: 9, 10  1 Year  1 Credit

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

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 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 Future Business Leaders of America (FBLA) is recommended.

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BT211W BUILD YOUR OWN BUSINESS

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

Prerequisite: Exploring the Corporate World

May be taken for dual credit.

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

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 Future Business Leaders of America (FBLA) is recommended.

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BT212W ADVERTISING STRATEGIES AND ECONOMICS

Grades: 11, 12  1 Year  1/2 Credit-Weighted (Sem 1)  1/2 Econ Credit (Sem 2)

Prerequisite: Build Your Own Business

May be taken for dual credit.

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

This course will not meet the NCAA requirements for History and Social Sciences.

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

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 Future Business Leaders of America (FBLA) or Distributive Education Clubs of America (DECA) is recommended.

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BT220 PROGRAMMING I – PROJECT LEAD THE WAY

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

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

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, cyber security, robotics and simulation. This is the first course in a sequence offered by Project Lead the Way (PLTW).
BT221 PROGRAMMING II – PROJECT LEAD THE WAY  
GHS ONLY
Grades: 10, 11, 12  
1 Year  
1 Credit
Prerequisite: Programming I – PLTW
This course will satisfy one CTE credit for Arizona university entrance requirements.
This course will focus on integrating technologies across multiple platforms and networks, including the internet. Students will collaborate to produce programs that integrate mobile devices and leverage those devices for distributed collection and data processing. Students will analyze, adapt, and improve each other's programs while working primarily in Java and other industry-standard tools. This course prepares students for AP Computer Science. This is the second course in a sequence offered by Project Lead The Way (PLTW).

BT222 CYBERSECURITY  
GHS ONLY
Grades: 10, 11, 12  
1 Year  
1 Credit
Prerequisite: Computer Science & Software Engineering & Computer Refurbishing I – StRUT I
This course will satisfy one CTE credit for Arizona university entrance requirements.
This course will introduce the tools and concepts of cybersecurity, and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable, and frequently attacked; in this course students solve problems by understanding and closing those vulnerabilities. This course raises students’ knowledge of commitment to ethical computing behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely. This is the third course in a sequence offered by Project Lead The Way (PLTW).

BT400 ADVANCED BUSINESS  
BT401 BUSINESS CO-OP
Advanced Business and Business CO-OP are to be taken concurrently.
Grade: 12  
1 Year  
3 Credits
Prerequisite: Application and approval
May be taken for dual credit.
Two elective credits will be issued for the work portion of the course.
This course will not meet the NCAA requirements for History and Social Sciences.
This course will satisfy one CTE credit for Arizona university entrance requirements.
This course will meet District graduation requirements for Economics and/or CTE upon completion of the entire year.
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. The course also addresses economic principles and concepts, including a focus on personal finance, economic reasoning, market systems, and the domestic and global economies. Participation in FBLA is recommended.

BT405 ADVANCED MARKETING  
BT406 MARKETING CO-OP/INTERNSHIP
Advanced Marketing CO-OP are to be taken concurrently.
Grade: 12  
1 Year  
3 Credits
Prerequisite: Marketing Education, application and approval
Two elective credits will be issued for the work portion of the course.
May be taken for dual credit.
This course will satisfy one CTE credit for Arizona university entrance requirements.
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 paid or unpaid (internship) of work experience each week. The course will provide experience in selling, customer service, or advertising.

BT510 BROADCASTING AND VIDEO PRODUCTION I
Grades: 9, 10, 11, 12  
1 Year  
1 Credit
Fee: $30.00
May be taken for dual credit.
This course will satisfy one CTE credit for Arizona university entrance requirements.
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

Grades: 10, 11, 12  
1 Year  
1 Credit

Prerequisite: Broadcasting and Video Production I or application and approval

Fee: $30.00
May be taken for dual credit.

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

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

Grades: 11, 12  
1 Year  
1 Credit

Prerequisite: Broadcasting and Video Production II or application and approval

Fee: $30.00
This course may be repeated for credit.

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

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 Skills USA is recommended.

BT600 TAKE ONE: ESSENTIALS OF DIGITAL MEDIA

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

Fee: $30.00

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

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

Grades: 10, 11, 12  
1 Year  
1 Credit

Prerequisite: Take One: Essentials of Digital Media

Fee: $30.00

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

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.

BT602 TAKE THREE: FUNCTIONS OF DIGITAL MEDIA

Grades: 10, 11, 12  
1 Year  
1 Credit

Prerequisite: Take Two: Applications of Digital Media

Fee: $30.00

This course may be repeated for credit.

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

This course will provide students with an opportunity to apply their knowledge of video and sound editing software to increase their marketable skills, enhance the school climate, and collaborate with businesses in the community. Students will write, direct, and produce content for the school news show, and develop a professional demo reel for use with professional and academic applications. Students will explore the marketing of video productions with an emphasis on graphic design promotions, commercial advertising, budgeting, etc. Students will continue to build on their knowledge of photo/video journalism, copy writing, and coverage of school-wide events. Students will also have the opportunity to work with, and create content for various companies in the community.
DIGITAL PHOTOGRAPHY

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

**VA146 DIGITAL PHOTOGRAPHY I**

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<th>Grades:</th>
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<tr>
<td>Duration:</td>
<td>1 Year</td>
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<td>Credit:</td>
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<td>Fee:</td>
<td>$40.00 per semester</td>
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</table>

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

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**

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<td>Credit:</td>
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*Prerequisite: Digital Photography I*

| Fee: | $40.00 per semester |

*This course may be repeated for credit.*

*This course will satisfy one fine arts or CTE 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. Photographic assignments to prepare for AP Photography portfolio will also be included.

**VA149W AP 2-D ART AND DESIGN**

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<th>Grades:</th>
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<tr>
<td>Duration:</td>
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<td>Credit:</td>
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</table>

*Prerequisite: Photo Imaging I, II, III, & IV or Digital Photography I, II, & III or application and approval*

| Fee: | $40.00 per semester |

*This course may be repeated for credit.*

*This course will satisfy one fine arts or CTE 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. *This course is designed to prepare students to successfully submit a portfolio for the Advanced Placement Exam in May.*

ENGINEERING

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

**SC200 INTRODUCTION TO ENGINEERING AND DESIGN**

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<th>Grades:</th>
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<td>Credit:</td>
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*Prerequisite: Strong math and science background*

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

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 (PLTW).

**SC201 PRINCIPLES OF ENGINEERING**

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*Prerequisite: Introduction to Engineering and Design*

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

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 (PLTW).
SC202W DIGITAL ELECTRONICS  
**DRHS ONLY**

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<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
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<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Principles of Engineering and application and approval. A strong background in science and engineering is also recommended.</td>
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<tr>
<td><strong>Fee:</strong></td>
<td>$20.00</td>
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*This course will satisfy one CTE credit for Arizona university entrance requirements.*

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 (PLTW).

SC203W ENGINEERING DESIGN AND DEVELOPMENT  
**DRHS & MHS ONLY**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Introduction to Engineering and Design, Principles of Engineering, Digital Electronics and application and approval. A strong background in science and engineering is also recommended.</td>
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*May be taken for dual credit.*

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

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 (PLTW).

SC204W AEROSPACE ENGINEERING  
**MHS ONLY**

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<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
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<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Principles of Engineering, and application and approval. A strong background in science and engineering is also recommended.</td>
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</table>

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

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.

SC205W COMPUTER INTEGRATED MANUFACTURING (CIM)  
**MHS ONLY**

<table>
<thead>
<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><strong>Prerequisite:</strong></td>
<td>Principles of Engineering, and application and approval. A strong background in science and engineering is also recommended.</td>
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</table>

*May be taken for dual credit.*

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

This course will focus on Computer Integrated Manufacturing (CIM) which is the study of manufacturing planning, integration, and implementation of automations. Students will explore manufacturing history, individual process, systems and careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design. This reflects an integrated approach that leading manufacturers have adopted to improve safety, quality, and efficiency. Utilizing the activity-project-problem-based (APPB) teaching and learning pedagogy, students will analyze, design, and build manufacturing systems. While implementing these designs, students will continually hone their interpersonal skills, creative abilities, and understanding of the design process. Students apply knowledge gained throughout the course in a final open-ended problem to build a manufacturing system.

**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:</th>
<th>9, 10, 11, 12</th>
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<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fee:</strong></td>
<td>$10.00</td>
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<td></td>
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</tbody>
</table>

*May be taken for dual credit.*

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

This course will introduce clothing selection and construction. Basic sewing techniques and the use and maintenance of the sewing machine will be emphasized.
**LM102 FASHION DESIGN I**

<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>
<tbody>
<tr>
<td>Fee:</td>
<td>$30.00</td>
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</tbody>
</table>

*May be taken for dual credit.*

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

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.

**LM103 FASHION DESIGN II**

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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>Fashion Design I</td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$30.00</td>
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</table>

*May be taken for dual credit.*

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

This course will allow students to gain further knowledge of the fashion and design industry and apply the skills learned in Fashion Design I through projects focused on the fashion field.

**LM104 INTERIOR DESIGN I**

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

*May be taken for dual credit.*

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

This course will introduce students to the technical skills and knowledge associated with the Interior Design industry and field. Topics will include floor planning, room design, selection of furnishings and accessories along with elements and principles of design.

**LM105 INTERIOR DESIGN II**

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<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>Interior Design I</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$30.00</td>
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</tbody>
</table>

*May be taken for dual credit.*

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

This course will allow students to gain further knowledge of the interior design industry and apply skills learned in Interior Design I through projects focused on the interior design field.

**LM106 CULINARY ARTS I**

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<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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<tbody>
<tr>
<td>Fee:</td>
<td>$25.00</td>
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</table>

*This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with another one-half credit of Culinary Arts.*

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.

**LM107 CULINARY ARTS II**

<table>
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<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>Prerequisite:</td>
<td>Culinary I</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$25.00</td>
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</table>

*This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with another one-half credit of Culinary Arts.*

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.
**LM108 CULINARY ARTS III**

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<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>Culinary II and/or application and approval</td>
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<tr>
<td>Fee:</td>
<td>$25.00</td>
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</table>

This course may be repeated for credit.

This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with another one-half credit of Culinary Arts.

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, for an additional cost of $15 or the current price. Participation in a Career and Technical Student Organization (CTSO) is recommended.

**LM109 CULINARY ARTS IV**

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<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Culinary III and/or application and approval</td>
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<td></td>
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<tr>
<td>Fee:</td>
<td>$25.00</td>
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</table>

This course may be repeated for credit.

This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with another one-half credit of Culinary Arts.

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, for an additional cost of $15 or the current price. Participation in a Career and Technical Student Organization (CTSO) is recommended.

**LM500 CULINARY ARTS V**

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<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Culinary IV or application and approval.</td>
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<tr>
<td>Fee:</td>
<td>$25.00 per semester</td>
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</table>

This course may be repeated for credit.

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

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**

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<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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<tbody>
<tr>
<td>Fee:</td>
<td>$10.00</td>
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</table>

This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with Intro to TOYBOX.

This course will examine approaches of early childhood education, influences on prenatal, infant, toddler, preschool and early elementary development, as well as explore the career pathways and aptitudes needed to work with children.

**LM111 EARLY CHILDHOOD EDUCATION II – INTRO TO TOYBOX**

<table>
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<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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<tbody>
<tr>
<td>Fee:</td>
<td>$10.00</td>
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</table>

This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with Child Development.

This course will examine health and safety in early childhood settings, nutrition, developmentally appropriate learning activities, and professionalism in early child careers. Students will participate in preschool observations and hands-on activities.

**LM112 TEACHER PREPARATION PROGRAM I**

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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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<tbody>
<tr>
<td>Fee:</td>
<td>$10.00</td>
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May be taken for dual credit.

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

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
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<tbody>
<tr>
<td>1 year</td>
<td>1 Credit</td>
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<tr>
<td>Prerequisite:</td>
<td>Teacher Preparation Program I</td>
</tr>
<tr>
<td>Fee:</td>
<td>$10.00</td>
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</tbody>
</table>

*This course may be repeated for credit.*

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

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>
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<tbody>
<tr>
<td>1 Year</td>
<td>2 Credits</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>Intro to TOYBOX or Teacher Preparation I or application and approval</td>
</tr>
<tr>
<td>Fee:</td>
<td>$10.00</td>
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</tbody>
</table>

*May be taken for dual credit.*

*This course may be repeated for credit.*

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

This course will provide students on-the-job training in the high school TOYBOX childcare lab. Students will be teaching, supervising, and using 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.

**LM302 TOYBOX II**

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

*This course may be repeated for credit.*

This course will provide students on-the-job training in the high school TOYBOX Early Learning Center. Students will be teaching, supervising, and using methods of positive guidance. This experience will enable them to secure a job in an early childhood education setting and begin the pathway to securing a Child Development Associate (CDA) Credential. Participation in a Career and Technical Student Organization (CTSO) is recommended.

**LM303 EARLY CHILDHOOD EDUCATION III – WORK STUDY**

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<tr>
<th>Grades:</th>
<th>11, 12</th>
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<tbody>
<tr>
<td>1 Year</td>
<td>1 Credit</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>TOYBOX or TOYBOX II</td>
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</tbody>
</table>

*This course may be repeated for credit.*

This course is for students who have already taken the TOYBOX Class. It will allow them to continue accruing hours towards their Child Development Associate (CDA) Credential.

**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>
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<tbody>
<tr>
<td>1 Year</td>
<td>3 Credits</td>
</tr>
<tr>
<td>Prerequisite:</td>
<td>Application and approval</td>
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<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 History and Social Sciences.*

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

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**

| Grades: | 9, 10, 11, 12 | 1 Year | 1 Credit |
| Fee: | $50.00 | |
| **This course will satisfy one CTE credit for Arizona university entrance requirements.** |

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**

| Grades: | 10, 11, 12 | 1 Year | 1 Credit |
| Prerequisite: | Fundamentals of Woodworking Technology and Construction or application and approval | |
| Fee: | $60.00 | |
| **This course will satisfy one CTE credit for Arizona university entrance requirements.** |

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: | $60.00 | |
| **This course may be repeated for credit.** |
| **This course will satisfy one CTE credit for Arizona university entrance requirements.** |

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 | |
| **May be taken for dual credit.** |
| **This course will satisfy one CTE credit for Arizona university entrance requirements.** |

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 | |
| Fee: | $25.00 | |
| **This course may be taken concurrently with Automotive Technology III.** |
| **May be taken for dual credit.** |
| **This course will satisfy one CTE credit for Arizona university entrance requirements.** |

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 | |
| **May be taken for dual credit.** |
| **This course may be repeated for credit.** |
| **This course will satisfy one CTE credit for Arizona university entrance requirements.** |
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.

**IE200 COMPUTER REFURBISHING I – STUDENTS RECYCLING USED TECHNOLOGY**  
*(StrUT I)*  
**GHS ONLY**

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<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td>Fee:</td>
<td>$20.00</td>
<td></td>
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<tr>
<td>May be taken for dual credit.</td>
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<tr>
<td>This course may be repeated for credit.</td>
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<tr>
<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</td>
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This course will introduce basic computer hardware repair and refurbishing. Instruction will include troubleshooting, adding memory, replacing motherboards, central processing unit (CPU), hard 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)*  
**GHS ONLY**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>StrUT I or application and approval</td>
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<td>May be taken for dual credit.</td>
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<tr>
<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</td>
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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 $400.00 per student.

**JOURNALISM/DIGITAL COMMUNICATIONS**

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

**EN515 JOURNALISM I**

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<th>Grades:</th>
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<th>1 Year</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Application and approval</td>
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<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</td>
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This course will introduce basic journalism skills. Writing design and layout is emphasized.

**EN516 JOURNALISM II**

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<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Journalism I, application and approval</td>
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<td>This course may be repeated for credit.</td>
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<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</td>
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This course will incorporate the skills learned in Journalism I through the publication of the school newspaper, magazine or other publications.

**EN520 DIGITAL COMMUNICATIONS I**

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<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Application and approval</td>
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<tr>
<td>This course will satisfy one CTE credit for Arizona university entrance requirements.</td>
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This course will introduce students to the basics of interviewing, journalistic writing, layout design, photography, and business management. Students are expected to regularly work outside of class time, covering school events through photography and interviews, and they are expected to develop effective problem solving skills. Students will create the school’s yearbook and other publications. All student work is expected to be of high quality, rich with content that makes strong use of conventions, applying the knowledge and skills learned.
EN521W DIGITAL COMMUNICATIONS II

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

Prerequisite: Digital Communications I, application and approval

This course may be repeated for credit.

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

This course will allow students to produce the school yearbook while being engaged in all areas of publication production. Students are expected to be proficient with appropriate software and specific terminology. Students will become capable of designing layouts, applying rules of photography, and communicating with adults and peers with a high level of professionalism. Students will also learn about the use and impact of social media on journalism as well as responsible management of social media accounts. Students will master industry design software and engage in leadership opportunities in the actual production of the yearbook and other publications. This course demands extensive coursework outside of class time, as well as mentoring roles to Digital Communication I students. All student work is expected to be of professional quality, rich with content that makes strong use of conventions.

SPORTS MEDICINE

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

PE500 SPORTS MEDICINE I

Grades: 10, 11, 12  1 Year  1 Credit

Prerequisite: Lab Biology

Fee: $10.00

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

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

Grades: 11, 12  1 Year  1 Credit

Prerequisite: Sports Medicine I

Fee: $10.00

May be taken for dual credit.

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

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

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

Grades: 12  1 Year  1 Credit

Prerequisite: Concurrent enrollment in Sports Medicine II

May be taken for dual credit.

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

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.

PE503 SPORTS MEDICINE INTERNSHIP

Grades: 10, 11, 12  1 Year  1 Credit

Prerequisite: Sports Medicine II

May be taken for dual credit.

This course may be taken concurrently with Sports Medicine II.

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

This course will allow students to get hands-on experience in the field of medicine by working in the athletic training room providing first aid to interscholastic teams. The students will attend class on campus minimum of 3 days a week working in the athletic training room under the direct supervision of the athletic trainer. This course will apply the information taught in the first two classes of the Sports Medicine curriculum and allow students to physically use the knowledge they have acquired while providing first aid care for the school’s athletic teams. Students must log in their hours prior to receiving credit for the class. Students received ½ credit for 180 hours per semester. Participation in the Sports Medicine Club (HOSA) is required.
TECHNICAL THEATRE

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

PA180 INTRODUCTION TO TECHNICAL THEATRE

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

This course will satisfy one fine arts or CTE 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.

PA182 INTERMEDIATE TECHNICAL THEATRE

Grades: 10, 11, 12  1 Year  1 Credit

Prerequisite: Introduction to Technical Theatre

This course will satisfy one fine arts or CTE 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.

PA181 ADVANCED TECHNICAL THEATRE

Grades: 10, 11, 12  1 Year  1 Credit

Prerequisite: Completion of Introduction to Technical Theatre, application and approval

This course may be repeated for credit.

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

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.

AEROSPACE SCIENCE AND LEADERSHIP

AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (AFJROTC)

Upon successful completion of two-years of AFJROTC courses, the District requirement for Physical Education will be waived.

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.

AS100 JOURNEY INTO AVIATION HISTORY (AFJROTC)

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

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

This course will focus on aviation history and the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation, the development, modernization, and transformation of the Air Force, and a brief astronomical and space exploration history. The Leadership Education portion of this class will include: the program heritage, organization, and traditions, individual self-control, wellness, health and fitness, United States citizenship and government, and other systems of government.
AS200 SCIENCE OF FLIGHT (AFJROTC)
Grades: 9, 10, 11, 12  
1 Year 1 Credit  
Elective or CTE/Fine Arts credit will be issued for this course.  
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.  
This course will focus on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The Leadership Education portion of this class will include: effective communication, increased awareness of self and others, values of personal integrity, service and excellence, and improved leadership.

AS220 INTRODUCTION TO GLOBAL AWARENESS (AFJROTC)
Grade: 9, 10, 11, 12  
1 Year 1 Credit  
Elective or CTE/Fine Arts credit will be issued for this course.  
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.  
This course will introduce students to the world’s cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. Major events and significant figures that have shaped each region will be covered. The Leadership Education portions of this course include: management basics, theories, and approaches; planning and decision making, organizing to manage change, stress, innovation, and leading individuals and groups.

AS300 EXPLORING SPACE: THE HIGH FRONTIER (AFJROTC)
Grades: 9, 10, 11, 12  
1 Year 1 Credit  
Elective or CTE/Fine Arts credit will be issued for this course.  
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.  
This course will focus on the latest information available in space science and space exploration. It begins with the study of space environment from the earliest days of interest in astronomy and early ideas of the heavens, through the Renaissance, and on into modern astronomy. This course will provide an in-depth study of the Earth, Sun, stars, Moon, and solar system, including the terrestrial and outer planets. Students will discuss issues critical to travel in the upper atmosphere such as orbits and trajectories, unmanned satellites, and space probes. The Leadership Education portions of this course will include college and career readiness, and how to prepare for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century.

AS400 MANAGEMENT OF CADET CORPS (AFJROTC)
Grade: 11, 12  
1 Year 1 Credit  
Elective or CTE/Fine Arts credit will be issued for this course.  
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.  
This course will provide cadets with a leadership position to manage cadet corps programs. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. Students achieve course objectives by completing corps management activities.

AS410 SURVIVAL: SURVIVE AND RETURN (AFJROTC)
Grade: 9, 10, 11, 12  
1 Year 1 Credit  
Elective or CTE/Fine Arts credit will be issued for this course.  
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.  
This course will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. Survival also presents “good to know” information that would be useful in any situation. The information is just as useful to an individual lost hunting or stranded in a snowstorm. This course is an approved Air Force JROTC curriculum of the basic survival information found in Air Force Regulation 64-4 Survival Training. The Leadership Education portion of this class will include: effective communication, increased awareness of self and others, values of personal integrity, service and excellence, and improved leadership.

AS500 AVIATION PILOTS GROUND SCHOOL
Grades: 11, 12  
1 Year 1 Credit  
Prerequisite: Completion of Geometry, Science of Flight and application and approval  
Elective or CTE/Fine Arts credit will be issued for this course.  
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.  
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.
AS505 DRILL AND CEREMONIES (AFJROTC)

Grades: 9, 10, 11, 12 1 Year 1 Credit
Prerequisite: Concurrent enrollment in another AFJROTC course and a member of AFJROTC

Elective or CTE/Fine Arts credit will be issued for this course.
This course may be repeated for credit.
course may be repeated for credit but not for grade change.
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.

This course will provide an in-depth introduction to drill and ceremonies. It concentrates on the elements of military drill, and describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades, and development of the command voice.

AS510 SENIOR OFFICER PROJECT

Grade: 10, 11, 1 1 Year 1 Credit
Elective or CTE/Fine Arts credit will be issued for this course.
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.

This course will allow top cadets to improve their leadership, management, and organizational skills by completing a rigorous culminating project. The project is designed for cadets to demonstrate essential skills through reading, writing, speaking, production, and/or performance. Student skills in analysis, logic, and creativity will also be showcased through successful completion of this project.

ENGLISH

EN105 ENGLISH I

Grade: 9 1 Year 1 Credit

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

Grade: 9 1 Year 1 Credit-Weighted Grade
Prerequisite: Placement may be based on recommendation and review.

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 are available in the back of the course description book.

EN205 ENGLISH II

Grade: 10 1 Year 1 Credit

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.

EN210W HONORS ENGLISH II

Grade: 10 1 Year 1 Credit-Weighted Grade
Prerequisite: Placement may be based on recommendation and review.

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 are available in the back of the course description book.

EN201/SS201 ENGLISH II/WORLD STUDIES TWO-HOUR BLOCK

Grade: 10 1 Year 2 Credits

This course will combine the curriculum of 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 and English II. Acquisition of skills, such as outlining, drafting, revising, and proofreading will be emphasized. Both disciplines will focus on the evaluation of primary and secondary sourcing through the development of specific claims, assessing validity, relevance, and sufficiency in making an argumentative claim.
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. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Required summer reading lists are available in the back of the course description book.

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. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Required summer reading lists are available in the back of the course description book.

EN412W AP ENGLISH IV – LITERATURE AND ADVANCED RESEARCH COMPOSITION
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
May 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. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. In addition, students also have option to enroll for dual credit in the 2nd semester.
EN417 ENGLISH IV - ENGLISH COMPOSITION 101
Grade: 12
1 Semester
1/2 Credit
Must be taken for dual credit
College tuition fee required
Must receive an appropriate level score on college placement exam
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
Grade: 12
1 Semester
1/2 Credit
Prerequisite: Grade of “C” or better in English Composition 101
Must be taken for dual credit
College tuition fee required
Must receive an appropriate level score on college placement exam
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
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.
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
Grades: 9, 10, 11, 12
1 Semester
1/2 Elective Credit
This course may be repeated for credit.
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
Grades: 9, 10, 11, 12
1 Year
1 Credit-Weighted Grade
Additional program costs may be incurred for optional activities related to the program, not to exceed $75.00. Competition in a minimum of four tournaments is required.
Elective or CTE/FA4 credit will be issued for this course.
This course may be repeated for credit.
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.

ENGLISH LANGUAGE LEARNERS

Arizona laws have established guidelines for English Language Learner (ELL) programs. The following courses meet those guidelines. ELL Course selection for English credit not to exceed one per academic year.

EN621 ENGLISH WRITING – 9th
EN622 ENGLISH WRITING – 10TH
EN623 ENGLISH WRITING – 11TH
EN624 ENGLISH WRITING – 12TH
Grades: 9, 10, 11, 12
Up to two semesters
Up to 1 English Credit
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 and the Arizona English Language Arts 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.

EN625 ENGLISH READING – 9TH
EN626 ENGLISH READING – 10TH
EN627 ENGLISH READING – 11TH
EN628 ENGLISH READING – 12TH

Grades: 9, 10, 11, 12  Up to two semesters  Up to 1 Elective Credit
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 and the Arizona English Language Arts 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.

EN629 ACADEMIC GRAMMAR – 9TH
EN630 ACADEMIC GRAMMAR – 10TH
EN631 ACADEMIC GRAMMAR – 11TH
EN632 ACADEMIC GRAMMAR – 12TH

Grades: 9, 10, 11, 12  Up to two semesters  Up to 1 Elective Credit
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 and the Arizona English Language Arts 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.

EN633 CONVERSATIONAL ENGLISH VOCABULARY – 9TH
EN634 CONVERSATIONAL ENGLISH VOCABULARY – 10TH
EN635 CONVERSATIONAL ENGLISH VOCABULARY – 11TH
EN636 CONVERSATIONAL ENGLISH VOCABULARY – 12TH

Grades: 9, 10, 11, 12  Up to two semesters  Up to 1 Elective Credit
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 and the Arizona English Language Arts 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.

EN637/EN638 ACADEMIC CONVERSATION & VOCABULARY 9TH
EN639/EN640 ACADEMIC CONVERSATION & VOCABULARY 10TH
EN641/EN642 ACADEMIC CONVERSATION & VOCABULARY 11TH
EN643/EN644 ACADEMIC CONVERSATION & VOCABULARY 12TH

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 conversation and academic vocabulary skills based on the Arizona English Language Proficiency Standards and the Arizona English Language Arts Standards. Students will receive one class period of daily intensive English conversation and vocabulary instruction designed to prepare them for success in a school where the curriculum is delivered in English.
EN645 ACADEMIC ENGLISH WRITING AND GRAMMAR – 9TH
EN646 ACADEMIC ENGLISH WRITING AND GRAMMAR – 10TH
EN647 ACADEMIC ENGLISH WRITING AND GRAMMAR – 11TH
EN648 ACADEMIC ENGLISH WRITING AND GRAMMAR – 12TH

Grades: 9, 10, 11, 12
Up to two semesters
Up to 1 English 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 and the Arizona English Language Arts 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.

EN649 ACADEMIC ENGLISH READING – 9TH
EN650 ACADEMIC ENGLISH READING – 10TH
EN651 ACADEMIC ENGLISH READING – 11TH
EN652 ACADEMIC ENGLISH READING – 12TH

Grades: 9, 10, 11, 12
Up to two semesters
Up to 1 Elective Credit
Up to 1 English 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 and the Arizona English Language Arts 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**

**ES105 LIFE STRATEGIES FOR TEENS I**

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**

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

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.

**ES112 MATH LAB**

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

Prerequisite: Recommendation by a school counselor or an administrator

*Elective credit will be issued for this course.*

This course may be repeated for credit.

This course will provide students the opportunity to obtain additional instruction in key math concepts needed for success in current and future math courses.

**ES116 SURVIVOR SKILLS FOR SUCCESS**

Grades: 9
1 Year
1 Credit

*Elective credit will be issued for this course.*

This course will focus on the development and strengthening of study skills in the area of note-taking and test preparation, written and verbal communication, academic engagement, extracurricular involvement, and critical problem solving to prepare freshmen for high school and beyond. This course is centered on web based applications. Participation in Distributive Education Clubs of America (DECA) is recommended.
**FINE ARTS-PERFORMING**

Unless otherwise noted, 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:** Performing arts classes may have additional program costs which are listed as maximum costs within each course. Please contact the teacher to determine the *actual* amount required. Additional program costs will be due according to a schedule provided by the teacher.

### ORCHESTRA

#### PA100 CONCERT ORCHESTRA I

<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>Audition, application and approval, large group ensemble experience</td>
<td></td>
</tr>
<tr>
<td><strong>Fee:</strong> $50.00</td>
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<tr>
<td>Additional program costs may be incurred for optional activities related to the program, not to exceed $75.00.</td>
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<tr>
<td>This course may be repeated for credit.</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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</table>

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: 9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Audition, application and approval, large group ensemble experience</td>
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<tr>
<td><strong>Fee:</strong> $50.00</td>
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<tr>
<td>Additional program costs may be incurred for optional activities related to the program, not to exceed $675.00.</td>
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<tr>
<td>This course may be repeated for credit.</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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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: 9, 10, 11, 12</th>
<th>1 Semester (1st)</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Audition, application and approval, large group ensemble experience</td>
<td></td>
</tr>
<tr>
<td><strong>Fee:</strong> $25.00</td>
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<tr>
<td>Additional program costs may be incurred for optional activities related to the program, not to exceed $225.00.</td>
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<tr>
<td>Every three or four years, other expenses may be incurred for travel to significant performances.</td>
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<tr>
<td>This course may be repeated for credit.</td>
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<tr>
<td>This course will satisfy one-half fine arts credit for Arizona university entrance requirements.</td>
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</table>

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

<table>
<thead>
<tr>
<th>Grades: 9, 10, 11, 12</th>
<th>1 Semester (2nd)</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Audition, application and approval, Symphony Orchestra performance experience</td>
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<tr>
<td><strong>Fee:</strong> $50.00</td>
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<tr>
<td>Additional program costs may be incurred for optional activities related to the program, not to exceed $675.00.</td>
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<tr>
<td>Every three or four years, other expenses may be incurred for travel to significant performances.</td>
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<tr>
<td>This course may be repeated for credit.</td>
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<tr>
<td>This course will satisfy one-half fine arts credit for Arizona university entrance requirements.</td>
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</table>

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)*

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>
**Prerequisite:** Audition, application and approval, concurrent enrollment in another orchestra course, and large group ensemble experience.

*Additional program costs may be incurred for optional activities related to the program, not to exceed $25.00.*

*Every three or four years, other expenses may be incurred for travel to significant performances.*

*This course may be repeated for credit.*

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

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

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

*Additional program costs may be incurred for optional activities related to the program, not to exceed $75.00.*

*This course may be repeated for credit.*

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

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

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

*Additional program costs may be incurred for optional activities related to the program, not to exceed $75.00.*

*This course may be repeated for credit.*

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

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

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>
**Prerequisite:** Audition, application and approval

**Fee:** $40.00

*Additional program costs may be incurred for optional activities related to the program, not to exceed $700.00.*

*This course may be repeated for credit.*

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

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

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
</table>
**Prerequisite:** Audition, application and approval, performance experience

**Fee:** $40.00

*Additional program costs may be incurred for optional activities related to the program, not to exceed $800.00.*

*Every three or four years, other expenses may be incurred for travel to significant performances.*

*This course may be repeated for credit.*

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

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, 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: $40.00
Additional program costs may be incurred for optional activities related to the program, not to exceed $650.00. This course may be repeated for credit.
This course will satisfy one fine arts credit for Arizona university entrance requirements.
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, as well as a rigorous performance schedule, 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: $40.00
Additional program costs may be incurred for optional activities related to the program, not to exceed $75.00
This course may be repeated for credit.
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: Concurrent enrollment in Concert Band I or Concert Band II, audition, application and approval
Fee: $75.00
Additional program costs may be incurred for optional activities related to the program, not to exceed $1250.00. Every three or four years, other expenses may be incurred for travel to significant performances.
This course may be repeated for credit.
This course will satisfy one-half fine arts credit for Arizona university entrance requirements.
Upon successful completion of four semesters of Varsity Marching Band, the District requirement for Physical Education will be waived. No partial Physical Education credit may be earned.
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: $50.00
Additional program costs may be incurred for optional activities related to the program, not to exceed $350.00.
This course may be repeated for credit.
This course will satisfy one or one-half fine arts credit for Arizona university entrance requirements.
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: $50.00
Additional program costs may be incurred for optional activities related to the program, not to exceed $800.00.
This course may be repeated for credit.
This course will satisfy one or one-half fine arts credit for Arizona university entrance requirements.
This course will be an in-depth study of advanced instrumental 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 local concerts, regional and non-regional festivals and community activities. Appropriate performance attire will be required.

**PA159 CONCERT BAND 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>Satisfactory participation in junior high band, audition, application and approval</td>
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<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$80.00</td>
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</tbody>
</table>

Additional program costs may be incurred for optional activities related to the program, not to exceed $125.00.
This course may be repeated for credit.
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. This course will include participation in local concerts and festivals. Appropriate performance attire will be required.

**PA160 CONCERT BAND II**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Satisfactory participation in junior high band or Concert Band I, audition, application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$80.00</td>
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</table>

Additional program costs may be incurred for optional activities related to the program, not to exceed $125.00.
This course may be repeated for credit.
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**

<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</td>
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<td></td>
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<tr>
<td>Fee:</td>
<td>$80.00</td>
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</table>

Every three or four years, other expenses may be incurred for travel to significant performances.
This course may be repeated for credit.
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>
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<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Audition, application and approval</td>
<td></td>
<td></td>
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<tr>
<td>Fee:</td>
<td>$80.00</td>
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</tbody>
</table>

Every three or four years, other expenses may be incurred for travel to significant performances.
This course may be repeated for credit.
This course will satisfy one-half or one fine arts credit for Arizona university entrance requirements.

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:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Performance Based Group experience</td>
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</tbody>
</table>

May be taken for dual credit.

Elective credit will be issued for this course.

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. *This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.*

**THEATRE**

**PA175 BEGINNING THEATRE ARTS**

<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>$5.00 per semester</td>
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<tr>
<td>Fee:</td>
<td>Additional program costs may be incurred for optional activities related to the program, not to exceed $20.00.</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:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Beginning Theatre Arts, audition, application and approval</td>
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<tr>
<td>Fee:</td>
<td>$5.00 per semester</td>
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<td></td>
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<tr>
<td>Fee:</td>
<td>Additional program costs may be incurred for optional activities related to the program, not to exceed $20.00.</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**

<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>Intermediate Theatre Arts, audition, application and approval</td>
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<td></td>
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<tr>
<td>Fee:</td>
<td>$5.00 per semester</td>
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<tr>
<td>Fee:</td>
<td>Additional program costs may be incurred for optional activities related to the program, not to exceed $20.00.</td>
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</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td>Fee:</td>
<td>$10.00 per semester</td>
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<tr>
<td>Fee:</td>
<td>Successful completion of Advanced Theatre Arts, audition, application and approval</td>
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<tr>
<td>Fee:</td>
<td>Additional program costs may be incurred for optional activities related to the program, not to exceed $20.00.</td>
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</tbody>
</table>

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.

**PA179 UNIFIED THEATRE ARTS**

<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>Additional program costs may be incurred for optional activities related to the program, not to exceed $20.00.</td>
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</tbody>
</table>

This course will provide opportunities for students with intellectual and physical disabilities to be partnered with typical students in creating community, while learning various speaking and acting techniques. Students will explore their creativity and find their voice in body, sound and thought. All students regardless of ability will gain skills needed to communicate more effectively and to forge relationships with peers.
FINE ARTS-VISUAL

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

**VA099 ART SURVEY**

<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: $30.00</td>
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</table>

This course will introduce 2-dimensional and 3-dimensional techniques, mediums and ideas through hands on experimentation. Students will learn interesting art historical facts related to each project they create. Students will engage in gaining an understanding about themselves as an artist and the role art plays in various cultural societies. Students will develop composition skills in many different mediums as they explore the elements of art and the principles of design concepts.

**VA100 ART & DESIGN I**

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

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

This course will 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**

<table>
<thead>
<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Art &amp; Design I</td>
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<td></td>
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<tr>
<td>Fee: $30.00 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 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: Art &amp; Design I</td>
<td></td>
<td></td>
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<tr>
<td>Fee: $25.00 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 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.

**VA104W AP DRAWING**

<table>
<thead>
<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite: Art &amp; Design II Painting or Drawing or application and approval</td>
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<td></td>
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<tr>
<td>Fee: $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 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. This course is designed to prepare students to successfully submit a portfolio for the Advanced Placement Exam in May.
### VA110 CARTOONING 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>Art &amp; Design I or application and approval</td>
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<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$20.00 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:</th>
<th>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>
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<td></td>
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<tr>
<td>Fee:</td>
<td>$20.00 per semester</td>
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</table>

This course may be repeated for credit.

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

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 CERAMICS I

<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>Fee:</td>
<td>$35.00</td>
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</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 CERAMICS II

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Ceramics I or application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fee:</td>
<td>$35.00</td>
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</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 CERAMICS III

<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>Ceramics II or application and approval</td>
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<td></td>
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<tr>
<td>Fee:</td>
<td>$35.00</td>
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</table>

May be taken for dual credit.

This course may be repeated for credit.

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

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 CERAMICS 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>Ceramics III or application and approval</td>
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<td></td>
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<tr>
<td>Fee:</td>
<td>$35.00</td>
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</table>

May be taken for dual credit.

This course may be repeated for credit.

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

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  1 Semester  1/2 Credit
Fee: $30.00
This course will satisfy one-half fine arts credit for Arizona university entrance requirements.
This course will emphasize the elements and principles of design in three dimensions. Students will learn how to create free-standing sculptural objects modeled from such media as clay, wire, paper, glass, and metals. This course will include fabrication, piercing, soldering, forming, and other additive and subtractive techniques.

VA126 3-D ART II
Grades: 9, 10, 11, 12  1 Semester  1/2 Credit
Prerequisite: 3-D Art I or application and approval
Fee: $30.00
May be taken for dual credit.
This course may be repeated for credit.
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.

VA128W AP 3-D ART AND DESIGN
Grades: 11, 12  1 Year  1 Credit-Weighted Grade
Prerequisite: Two years of art courses which could include the following: 3-D Art I/II; Ceramics 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. This course is designed to prepare students to successfully submit a portfolio for the Advancement Placement Exam in May.

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 or CTE 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
May be taken for dual credit.
This course will satisfy one-half fine arts or CTE 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
May be taken for dual credit.
This course will satisfy one-half fine arts or CTE 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grades</th>
<th>Type</th>
<th>Credit</th>
<th>Prerequisite</th>
<th>Fee</th>
<th>Notes</th>
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<tbody>
<tr>
<td>VA144</td>
<td>PHOTO IMAGING IV</td>
<td>10, 11, 12</td>
<td>1 Semester</td>
<td>1/2</td>
<td>Photo Imaging III</td>
<td>$40.00</td>
<td>Course may be repeated for credit.</td>
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<td></td>
<td>This course will satisfy one-half fine arts or CTE credit for Arizona university entrance requirements.</td>
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<td>This course will provide students the opportunity to complete independent contracts or assignments. Topics will be selected through student consultation with the instructor.</td>
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</tr>
<tr>
<td>VA150</td>
<td>GRAPHIC DESIGN I</td>
<td>10, 11, 12</td>
<td>1 Year</td>
<td>1</td>
<td>Any first level visual arts class or application and approval</td>
<td>$30.00</td>
<td>Course may be repeated for credit.</td>
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<td></td>
<td>This course will provide students the opportunity to learn many facets of the graphic arts field. Students will become proficient in image editing, layout and composition, use of color and fonts, and printing or other display methods.</td>
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</tr>
<tr>
<td>VA151</td>
<td>GRAPHIC DESIGN II</td>
<td>11, 12</td>
<td>1 Year</td>
<td>1</td>
<td>Graphic Design I or application and approval</td>
<td>$30.00</td>
<td>Course may be repeated for credit.</td>
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<td></td>
<td>This course will provide students the opportunity to develop their multimedia authoring skills and to master the skills required to be successful in the business of media development.</td>
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<tr>
<td>VA160</td>
<td>METALS/JEWELRY I</td>
<td>9, 10, 11, 12</td>
<td>1 Semester</td>
<td>1/2</td>
<td></td>
<td>$40.00</td>
<td>Course will satisfy one-half fine arts credit for Arizona university entrance requirements.</td>
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<td>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>
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<tr>
<td>VA161</td>
<td>METALS/JEWELRY II</td>
<td>9, 10, 11, 12</td>
<td>1 Semester</td>
<td>1/2</td>
<td>Metals/Jewelry I</td>
<td>$40.00</td>
<td>Course will satisfy one-half fine arts credit for Arizona university entrance requirements.</td>
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<td></td>
<td>This course will explore advanced studies in soldering, forming, forging, stone setting and lost-wax casting of metals and related materials.</td>
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<tr>
<td>VA162</td>
<td>METALS/JEWELRY III</td>
<td>10, 11, 12</td>
<td>1 Semester</td>
<td>1/2</td>
<td>Metals/Jewelry II</td>
<td>$40.00</td>
<td>Course will satisfy one-half fine arts credit for Arizona university entrance requirements.</td>
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<td>This course may be repeated for credit.</td>
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<td></td>
<td>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>
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</tr>
<tr>
<td>VA163</td>
<td>METALS/JEWELRY IV</td>
<td>10, 11, 12</td>
<td>1 Semester</td>
<td>1/2</td>
<td>Metals/Jewelry III</td>
<td>$40.00</td>
<td>Course will satisfy one-half fine arts credit for Arizona university entrance requirements.</td>
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</tbody>
</table>
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.

**VA170W AP ART HISTORY**

<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>May be taken for dual credit. Elective credit will be issued for this course.</td>
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</tbody>
</table>

This course will primarily focus on Western Civilizations with some attention to the art and culture of Asian societies as well as Pacific and Oceanic cultures. The course will cover Prehistory to the end of the Middle Ages, the Renaissance, and modern Contemporary Art and Visual Culture. The class is designed to increase students' knowledge of human civilizations and culture from the earliest times until current day. Students will learn about art, artists, artistic movements, cultural history, cultural contexts of human production visual culture, chronological periods of history and the subjects/styles/societies/techniques of particular works of art with an emphasis on works of historical and societal importance. The course work will include introduction of a humanities approach; the analysis and synthesis of the interrelationships of art, architecture, literature, music, and various creative arts from early to modern civilizations with students' educational subjects, specifically English and History and Social Sciences.

**HISTORY AND SOCIAL SCIENCES**

**SS100 WORLD STUDIES**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>9, 10</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td>This course will emphasize global connections from the 15th century to the present. The course will examine historical events through a well-balanced approach, connecting the Eastern and Western Hemispheres. Course content includes, but is not limited to: belief systems; interregional interactions; revolutions (political, social, and economic); the rise of modern nation-states; global conflicts; and contemporary global issues. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation.</td>
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**SS101W AP WORLD HISTORY: MODERN**

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<tr>
<th>Grade:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
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<tbody>
<tr>
<td>This course will examine a modern approach to world history, from the 13th century to the present. Course content includes: human-environment interactions; development and interactions of cultures; state-building expansion and conflict; creation, expansion, and interaction of economic systems; the development and transformation of social structures. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.</td>
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</table>

**SS201/EN201 WORLD STUDIES/ENGLISH II**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>10</th>
<th>1 Year</th>
<th>2 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course will combine the curriculum of 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 and English II. Acquisition of skills, such as outlining, drafting, revising, and proofreading will be emphasized. Both disciplines will focus on the evaluation of primary and secondary sourcing through the development of specific claims, assessing validity, relevance, and sufficiency in making an argumentative claim.</td>
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**SS105 AMERICAN/ARIZONA HISTORY**

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<tr>
<th>Grade:</th>
<th>11</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course will examine United States History, beginning with its foundation to the present. Course content includes: the American Revolution and the birth of the nation; nation building and sectionalism; Civil War and Reconstruction; the emergence of modern America; the Great Depression and WWII; post-war United States; and contemporary United States. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation.</td>
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</table>
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**

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

This course will provide an overview of American History from the pre-Columbian period to the present. Course content includes: American national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

**SS110 ECONOMICS**

<table>
<thead>
<tr>
<th>Grade: 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</table>

Prerequisite: American/Arizona History or AP United States History

This course will prepare the student for decision-making within the American Marketing System. Course content includes: financial literacy; personal finance; economic reasoning; economic systems; exchange and markets; the national economy; and the global economy. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. Emphasis will also focus on interpreting and analyzing data sets, such as tables, charts, graphs, maps, and infographics.

**SS111 THE STOCK MARKET**

<table>
<thead>
<tr>
<th>Grade: 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
</table>

Prerequisite: American/Arizona History or AP United States History

Fee: $18.00

This course will meet the District graduation requirement for Economics. **This course will not meet the NCAA requirements for History and Social Sciences.**

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.

**SS112W AP MICROECONOMICS**

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<tr>
<th>Grade: 12</th>
<th>1 Semester</th>
<th>1/2 Credit-Weighted Grade</th>
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</table>

This course will focus on the principles that apply to an economic system as a whole. This introductory college-level course places particular emphasis on the study of national income and price-level determination; it also develops students’ familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

**SS113W AP MACROECONOMICS**

<table>
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<tr>
<th>Grade: 12</th>
<th>1 Semester</th>
<th>1/2 Credit-Weighted Grade</th>
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</thead>
</table>

This course will expand on topics covered in AP Microeconomics. It will focus on economic systems as a whole, with discussions on economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students will use various sources to analyze economic concepts. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**
SS117W AP ECONOMICS

<table>
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<tr>
<th>Grade:</th>
<th>12</th>
<th>1 Semester</th>
<th>1/2 Credit-Weighted Grade</th>
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</table>

This course will include an overview of economics. An emphasis on microeconomics and macroeconomics will be included. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

SS114W AP COMPARATIVE GOVERNMENT

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

Prerequisite: C or better in World History
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. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

SS115 AMERICAN/ARIZONA GOVERNMENT

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<tr>
<th>Grade:</th>
<th>12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
</tr>
</thead>
</table>

Prerequisite: American/Arizona History or AP United States History

This course will introduce to the institutions and practices of the American and Arizona systems of government. Course content includes: the foundation of American government; government structure; national institutions; the law-making process; media, interest groups, and political parties; media literacy; elections and voting; citizenship; civil liberties and civil rights; American political culture; public policy; and foreign policy. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. Emphasis will also focus on interpreting and analyzing data sets, such as tables, charts, graphs, maps, and infographics.

SS116W AP AMERICAN/ARIZONA GOVERNMENT

<table>
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<tr>
<th>Grade:</th>
<th>12</th>
<th>1 Semester</th>
<th>1/2 Credit-Weighted Grade</th>
</tr>
</thead>
</table>

Prerequisite: American/Arizona History or AP United States History

This course will include an overview of the American system of government. Course content includes: foundations of American democracy; interactions among the branches of government; civil liberties and civil rights; American political ideologies and beliefs; and political participation. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. Emphasis will also focus on interpreting and analyzing data sets, such as tables, charts, graphs, maps, and infographics. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

SS118W WE THE PEOPLE

<table>
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<tr>
<th>Grade:</th>
<th>11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit-Weighted Grade</th>
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</table>

This course will meet the District graduation requirement 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.

SS107W AP EUROPEAN HISTORY

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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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</table>

May be taken for dual credit
Elective credit will be issued for this course.

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. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.
### SS108W AP HUMAN GEOGRAPHY

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

**May 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. *This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.*

### SS120 CRIMINAL JUSTICE I

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<tr>
<th>Grades: 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 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

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<tr>
<th>Grades: 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 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 career opportunities in the criminal justice field.

### SS122 GEOGRAPHY

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

**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

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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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</thead>
</table>

**Elective credit will be issued for this course.**

*This course may be repeated for credit.*

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

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

**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

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<tr>
<th>Grades: 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 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

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

**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

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

**May be taken for dual credit.**

**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. Course content includes: history and approaches; research methods; biological basis for behavior; sensation and perception; the state of consciousness; learning; cognition; motivation and emotion; developmental psychology; personality; testing and individual differences; abnormal behavior and its treatment; and social psychology. Because inquiry is the cornerstone in the study of history and the social sciences, students will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. Emphasis will also focus on interpreting and analyzing data sets, such as tables, charts, graphs, maps, and infographics. *This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.*

SS155 POPULAR AMERICAN MUSIC

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<tr>
<th>Grades: 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 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.

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

**This course must be taken to fulfill math graduation requirements.**

**This course fulfills Arizona university entrance requirements.**

This course will focus on linear, quadratic, and exponential functions, including sequences, and also explore absolute value, and piecewise-defined functions. Students will develop fluency writing, interpreting and comparing functions given graphically, numerically, symbolically, and verbally and use them to solve problems. Students will also explore a formal means of assessing how a model fits data.

MA205W/206W HONORS ALGEBRA IA/ALGEBRA IB

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

**Prerequisite:** Placement may be based on recommendation and review.

**This course must be taken to fulfill math graduation requirements.**

**This course fulfills Arizona university entrance requirements.**

This course will conduct an in-depth study of linear, quadratic, and exponential functions, including sequences, and also explore absolute value, and piecewise-defined functions. Students will develop fluency writing, interpreting and comparing functions given graphically, numerically, symbolically and verbally, and use them to solve problems. Students will also explore a formal means of assessing how a model fits data.

MA300/301 GEOMETRY A/GEOMETRY B

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

**Prerequisite:** Algebra I

**This course must be taken to fulfill math graduation requirements.**

**This course fulfills Arizona university entrance requirements.**

This course will focus on the study of congruence, similarity, right triangle trigonometry, circles, expressing geometric properties with equations, coordinate geometry, geometric measurement and dimension, and conditional probability with an emphasis on real-world modeling contexts. Concepts will be developed through investigation of rigid and non-rigid transformation, constructions, and proof.
MA305W/306W HONORS GEOMETRY A/GEOMETRY B

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Honors Algebra I, placement may be based on recommendation and review</td>
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</table>

This course must be taken to fulfill math graduation requirements.  
This course fulfills Arizona university entrance requirements.

The course will conduct an in-depth study of congruence, similarity, trigonometry, circles, expressing geometric properties with equations, coordinate geometry, geometric measurement and dimension, and conditional probability with an emphasis on real-world modeling contexts.  Concepts will be developed through investigation of rigid and non-rigid transformations, constructions and proof.

MA314 INTERMEDIATE ALGEBRA

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<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>Algebra I, Geometry</td>
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</table>

This course, Algebra II, or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements.  
Students can only receive a Math credit for Intermediate Algebra or Algebra II, not both.  
This course fulfills Arizona university entrance requirements.

This course will develop Algebra II concepts while remediating fundamental algebraic skills for students who did not achieve mastery in Algebra I.  This course will extend algebraic and geometric concepts and apply these to polynomial, radical, rational, exponential with real exponents, and logarithmic functions.  Students will continue to develop fluency in writing, comparing, solving (including complex solutions), and interpreting problems represented by the above function families as well as explore the effects of transformations on their graphs.  Students will examine data on two quantitative variables to choose functions and make conclusions in context of the data.

MA400/401 ALGEBRA IIA/ALGEBRA IIB

<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>Algebra I (recommended C or better), Geometry</td>
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</table>

This course, Intermediate Algebra or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements.  
Students can only receive a Math credit for Intermediate Algebra or Algebra II, not both.  
This course fulfills Arizona university entrance requirements.

This course will extend algebraic and geometric concepts and apply these to polynomial, radical, rational, exponential with real exponents, logarithmic, and trigonometric functions, as well as piecewise defined functions.  Students will continue to develop fluency in writing, comparing, solving (including complex solutions), and interpreting problems represented by the above function families as well as explore the effects of transformations on their graphs.  Students will examine data on two quantitative variables to choose functions and make conclusions in context of the data.

MA405W/406W HONORS ALGEBRA IIA/ALGEBRA IIB

<table>
<thead>
<tr>
<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Honors Algebra I (recommended C or better) Honors Geometry, placement may be based on recommendation and review</td>
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</tbody>
</table>

This course fulfills Arizona university entrance requirements.

This course will extend algebraic and geometric concepts and apply these to an in-depth study of polynomial, radical, rational, exponential with real exponents, logarithmic, and trigonometric functions, as well as piecewise defined functions.  Students will continue to develop fluency in writing, comparing, solving (including complex solutions), and interpreting problems represented by the above function families as well as explore the effects of transformations on their graphs.  Students will examine data on two quantitative variables to choose functions and make conclusions in context of the data.

MA408 COLLEGE MATHEMATICS

<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>Algebra II or Intermediate Algebra</td>
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</table>

May 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 school 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**

**Grades:** 12  
**Prerequisite:** Algebra II, Intermediate Algebra  
*May 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**

**Grades:** 11, 12  
**Prerequisite:** Algebra II  
*May 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, and piecewise defined functions, as well as solving systems of equations, with an emphasis on modeling and solving real world problems. In addition, it will include a study of measures of angles, properties of graphs of trigonometric functions, fundamental identities, addition and double-angle formulas, inverse trigonometric functions, solutions of trigonometric equations, complex numbers, properties of triangle solutions, and conics.

**MA414W AP STATISTICS**

**Grades:** 10, 11, 12  
**Prerequisite:** Algebra II  
*May be taken for dual credit.*

This course fulfills Arizona university entrance requirements.

This course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: (1) Exploring Data: Describing patterns and departures from patterns; (2) Sampling and Experimentation: Planning and conducting a study; (3) Anticipating Patterns: Exploring random phenomena using probability and simulation; (4) Statistical Inference: Estimating population parameters and testing hypotheses. *This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.*

**MA422 SPORTS STATISTICS**

**Grades:** 11, 12  
**Prerequisite:** Algebra II or equivalent  
*May be taken for dual credit.*

This course fulfills Arizona university entrance requirements.

This course will introduce students to statistical reasoning in the context of sports. Statistical concepts such as exploratory data analysis, hypothesis testing, experimental design and probability will be developed to answer interesting sports related questions. The course will serve as an excellent preparation for a college level introductory statistics course, and can be taken concurrently with other math courses.

**MA415W HONORS PRE-CALCULUS**

**Grades:** 9, 10, 11, 12  
**Prerequisite:** Completion of Honors Algebra II, placement may be based on recommendation and review  
*May be taken for dual credit.*

This course fulfills Arizona university entrance requirements.

This course will conduct an in-depth study of analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, and piecewise defined functions, as well as solving systems of equations, with an emphasis on modeling and solving real world problems. In addition, it will include a study of measures of angles, properties of graphs of trigonometric functions, fundamental identities, addition and double-angle formulas, inverse trigonometric functions, solutions of trigonometric equations, complex numbers, properties of triangle solutions, and conics.
MA416W AP CALCULUS AB
Grades: 10, 11, 12  1 Year  1 Credit-Weighted Grade
Prerequisite: Pre-Calculus or application and approval.  
May be taken for dual credit.  
This course fulfills Arizona university entrance requirements.

This course will center around the foundational concepts of calculus: limits, derivatives, and integrals and the Fundamental Theorem of Calculus. These concepts will be developed through mathematical practices for AP Calculus: (1) Reasoning with definitions and theorems; (2) Connecting concepts; (3) Implementing algebraic/computational processes; (4) Connecting multiple representations; (5) Building notational fluency; and (6) Communicating.  This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

MA417W AP CALCULUS BC
Grades: 10, 11, 12  1 Year  1 Credit-Weighted Grade
Prerequisite: Honors Pre-Calculus or application and approval  
May be taken for dual credit.  
This course fulfills Arizona university entrance requirements.

This course will center around the foundational concepts of calculus: limits, derivatives (including planar motion), integrals and the Fundamental Theorem of Calculus (including improper integrals, integration by parts, lengths of curves, and logistic growth), and series. These concepts will be developed through mathematical practices for AP Calculus: (1) Reasoning with definitions and theorems; (2) Connecting concepts; (3) Implementing algebraic/computational processes; (4) Connecting multiple representations; (5) Building notational fluency; and (6) Communicating.  This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

MA419W CALCULUS III
Grades: 11, 12  1 Semester (1st)  1/2 Credit-Weighted Grade
Prerequisite: AP Calculus BC  
May be taken for dual credit.  
This course will include the study vector-valued functions of several variables, multiple integration and is an introduction to vector analysis.

MA420W DIFFERENTIAL EQUATIONS
Grades: 11, 12  1 Semester (2nd)  1/2 Credit-Weighted Grade
Prerequisite: Calculus III  
May be taken for dual credit.  
This course will examine ordinary differential equations with applications including Laplace transformations with numerical methods.

MA500 FINANCIAL APPLICATIONS FOR LIFE I
Grades: 11, 12  1 Semester (1st)  1 Credit  
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. Students will experience applications that will support the Arizona Mathematics Standards to include the following: defining quantities, interpreting parameters, evaluating graphical models, writing and solving equations that represent the relationships between two quantities, investigating the effects of exponential growth and decay including continuous can compound interest, and using a variety of formulas and statistical displays to represent data. Functions that will be modeled will include linear, piecewise, exponential, rational, and radical. Mathematical Practice Standards are utilized throughout the course.

MA501 FINANCIAL APPLICATIONS FOR LIFE II
Grades: 11, 12  1 Semester (2nd)  1 Credit  
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 to include amortization. Students will experience applications that will support the Arizona Mathematics Standards to include the following: defining quantities, interpreting parameters, evaluating graphical models, writing and solving equations that represent the relationships between two quantities, investigating the effects of exponential growth and decay including continuous and compound interest, and using a variety of formulas and statistical displays to represent data. Functions that will be modeled will include linear, piecewise, exponential, rational, and radical. Mathematical Practice Standards are utilized throughout the course.
## PHYSICAL EDUCATION

### PE100 PHYSICAL EDUCATION (MALE)  
### PE101 PHYSICAL EDUCATION (FEMALE)

<table>
<thead>
<tr>
<th>Grades</th>
<th>9, 10, 11</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Combination lock, appropriate Physical Education uniform</td>
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<tr>
<td><em>This course may be repeated for credit.</em></td>
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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</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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</thead>
<tbody>
<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Leotard, dance/athletic pants, shoes, combination lock</td>
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<tr>
<td><em>This course may be repeated for credit.</em></td>
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</table>

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

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</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>Audition, application and approval</td>
<td></td>
<td></td>
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<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Leotard, dance/athletic pants, shoes, combination lock</td>
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<tr>
<td><em>This course may be repeated for credit.</em></td>
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</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

<table>
<thead>
<tr>
<th>Grades</th>
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<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Audition, application and approval</td>
<td></td>
<td></td>
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<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Leotard, dance/athletic pants, shoes, combination lock</td>
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<tr>
<td><em>Costume costs may be incurred, not to exceed $200.00.</em></td>
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<tr>
<td><em>This course may be repeated for credit.</em></td>
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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 DANCEWORKS 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)*

<table>
<thead>
<tr>
<th>Grades</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Audition, application and approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Supplies Needed:</strong></td>
<td>Leotard, dance/athletic pants, shoes, combination lock</td>
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</tr>
<tr>
<td><em>Costume costs may be incurred, not to exceed $200.00.</em></td>
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<tr>
<td><em>This course may be repeated for credit.</em></td>
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</table>

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.
PE113 BEGINNING ATHLETIC MOVEMENT
Grades: 9, 10, 11, 12 1 Year 1 Credit
Supplies Needed: Athletic shirt and pants, shorts, shoes, combination lock
This course will satisfy one fine arts credit for Arizona university entrance requirements.
This course will include an introduction to various athletic forms of movement/dance and is designed for the male mover/athlete. Emphasis will be placed on awareness of technique/skill, history, knowledge, improvisation and aesthetics of each movement style. It also focuses on increasing one’s mobility, agility, flexibility, strength and endurance. Students will participate and relate athletic disciplines/dance as a lifetime fitness and health-related activity. Students will be offered the opportunity to perform in a dance concert. Techniques may include, but are not limited to tumbling, Capoeira, Muay Thai, hip hop (b- boying, popping, and locking), parkour, and wrestling/contact improvisation.

PE114 INTERMEDIATE ATHLETIC MOVEMENT
Grades: 10, 11, 12 1 Year 1 Credit
Prerequisite: Beginning Athletic Movement
Supplies Needed: Athletic shirt and pants, shorts, shoes, combination lock
This course may be repeated for credit.
This course will satisfy one fine arts credit for Arizona university entrance requirements.
This course will provide advanced study of the skills acquired in Beginning Athletic Movement. 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.

PE115 UNIFIED DANCE
Grades: 9, 10, 11, 12 1 Year 1 Credit
Supplies Needed: Leotard, dance/athletic pants, shoes, combination lock
This course may be repeated for credit.
This course will provide opportunities for students with intellectual and physical disabilities to be partnered with typical students to grow together through participation in dance and health related activities. This course is an introduction to dance movement, improvisation, and an overview of a variety of dance styles including jazz, modern and ballet.

PE201 YOGA FITNESS TRAINING I
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
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.
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: 9, 10, 11, 12 1 Year 1 Credit
Supplies Needed: Physical Education uniform, combination lock
This course may be repeated for credit.
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.
<table>
<thead>
<tr>
<th>Course</th>
<th>Grades</th>
<th>Prerequisite</th>
<th>Supplies Needed</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PE220 INTRODUCTORY WEIGHT TRAINING</strong></td>
<td>9, 10, 11, 12</td>
<td></td>
<td>Combination lock, appropriate Physical Education uniform</td>
<td>This course may be repeated for credit.</td>
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<tr>
<td><strong>PE221 INTRODUCTORY WEIGHT TRAINING</strong></td>
<td>9, 10, 11, 12</td>
<td></td>
<td>Combination lock, appropriate Physical Education uniform</td>
<td>This course may be repeated for credit.</td>
</tr>
<tr>
<td><strong>Grades:</strong></td>
<td>1 Year</td>
<td>1 Credit</td>
<td></td>
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<tr>
<td><strong>PE225 ADVANCED WEIGHT TRAINING</strong></td>
<td>10, 11, 12</td>
<td>Introductory Weight Training or Introductory Sports Training</td>
<td>Combination lock, appropriate Physical Education uniform</td>
<td>This course may be repeated for credit.</td>
</tr>
<tr>
<td><strong>Grades:</strong></td>
<td>1 Year</td>
<td>1 Credit</td>
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<tr>
<td><strong>PE229 INTRODUCTORY SPORTS TRAINING</strong></td>
<td>9, 10, 11</td>
<td>Application and approval</td>
<td>Combination lock, appropriate Physical Education uniform</td>
<td>This course may be repeated for credit.</td>
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<tr>
<td><strong>Grades:</strong></td>
<td>1 Year</td>
<td>1 Credit</td>
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<tr>
<td><strong>PE230 ADVANCED SPORTS TRAINING</strong></td>
<td>9, 10, 11, 12</td>
<td>Application and approval</td>
<td>Combination lock, appropriate Physical Education uniform</td>
<td>Elective or CTE/FA4 credit will be issued for this course.</td>
</tr>
<tr>
<td><strong>Grades:</strong></td>
<td>1 Year</td>
<td>1 Credit</td>
<td></td>
<td>This course may be repeated for credit.</td>
</tr>
<tr>
<td><strong>PE400 ADAPTIVE PHYSICAL EDUCATION</strong></td>
<td>9, 10, 11, 12</td>
<td>Written documentation from a medical doctor</td>
<td>Physical Education uniform, combination lock</td>
<td>This course may be repeated for credit.</td>
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<tr>
<td><strong>Grades:</strong></td>
<td>1 Year</td>
<td>1 Credit</td>
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<tr>
<td><strong>PE401 UNIFIED PHYSICAL EDUCATION</strong></td>
<td>9, 10, 11, 12</td>
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<td>Physical Education uniform, combination lock</td>
<td>This course may be repeated for credit.</td>
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<tr>
<td><strong>Grades:</strong></td>
<td>1 Year</td>
<td>1 Credit</td>
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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.

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, powerlifting and individual fitness objectives. Students will learn and demonstrate correct techniques of core lifts, which may include squat and power clean.

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.

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.

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.

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.
SCIENCE

SC115 EARTH SCIENCE
Grades: 9, 10, 11, 12 1 Year 1 Credit
This course will satisfy one earth science credit for Arizona university entrance requirements.

This course will discover and explain natural phenomena on Earth and in space through chemistry and physics concepts. Major topics include astronomy, geology, weather, and map reading.

SC116 ASTRONOMY
Grades: 11, 12 1 Year 1 Credit
This course will satisfy one physics credit for Arizona university entrance requirements.

This course will examine the history, content, and evolution of the solar system and the universe in general. Topics include planets, moon, sun, comets, stars and star formation, galaxies, cosmology, and the possibility of life on other planets. Astronomical observations and investigations are designed to familiarize students with the sky, telescopes, and methods used in astronomy. This course will also include physics concepts as they relate to astronomy.

SC117W HONORS EARTH SCIENCE
Grades: 9, 10, 11, 12 1 Year 1 Credit-Weighted Grade
Prerequisite: Concurrent enrollment in Geometry or higher.
This course will satisfy one earth science credit for Arizona university entrance requirements.

This advanced course is an in-depth study of natural phenomena on Earth and in space. Students will integrate multiple content areas into topics studied, as they analyze and interpret data to make scientific claims. Topics will be explored through student-led laboratory investigations, and include astronomy, geology, weather, and map reading. Rigorous assessments will require a high level of comprehension, and will include the application of knowledge to real-life situations.

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 a study of living organisms and their interactions with each other and their environment. Topics will include cells, molecular basis of heredity, biological evolution, matter, energy and organization of living systems, comparative anatomy/biodiversity, and factors of reaction rates.

SC121W HONORS LAB BIOLOGY
Grades: 9, 10, 11, 12 1 Year 1 Credit-Weighted Grade
Prerequisite: Placement may be based on recommendation and review.
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 factors of reaction rates.

SC122W AP BIOLOGY
Grades: 10, 11, 12 1 Year 1 Credit-Weighted Grade
Prerequisite: Algebra I
May 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 advance 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. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.
### SC130 ENVIRONMENTAL SCIENCE

Grades: 10, 11, 12  
1 Year  
1 Credit

This course will examine ecology and the environment, and will integrate chemistry and physics topics. Topics will include endangered species, populations, environmental health, pollution, alternative energy sources, and new technologies.

### 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  
MAY BE TAKEN FOR DUAL CREDIT

This course will satisfy one integrated 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. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

### SC139W AP ENVIRONMENTAL SCIENCE/SUSTAINABILITY

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

Prerequisite: Concurrent enrollment in Algebra II, Earth Science, Chemistry, Physics or Ecology  
MAY BE TAKEN FOR DUAL CREDIT WITH ARIZONA STATE UNIVERSITY (ASU)

This course will satisfy one integrated 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. In addition, current sustainability themes and issues are also woven throughout the class. Topics will include ecosystems, endangered species, geology, population dynamics, environmental law, energy resources, global warming, environmental toxins, human health, water conservation, and pollution. The course also offers an experience to collaborate with Arizona State University’s School of Sustainability, where students have the opportunity to visit ASU’s campus and access to guest speakers associated with the college. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

### SC133 INTEGRATED SCIENCE

Grades: 10, 11, 12  
1 Year  
1 Credit

Prerequisite: One lab science credit and concurrent enrollment in Geometry or higher

This course will satisfy one integrated science credit for Arizona university entrance requirements. This course will integrate investigations of chemistry, physics, and earth-space concepts. Students will explore topics such as energy transfer and storage, energy and matter in Earth’s spheres, Newton’s laws of motion, weather and climate, atomic structure and chemical reactions.

### SC132 MARINE BIOLOGY (OCEANOGRAPHY)

Grades: 10, 11, 12  
1 Year  
1 Credit

Prerequisite: Lab Biology  
MAY 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.

59
SC136W HONORS CHEMISTRY

**Grades:** 9, 10, 11, 12  
**Prerequisite:** Concurrent enrollment in Geometry or higher  
*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. Topics will include energy and matter, atomic structure, chemical bonding and reactions, thermochemistry, gas laws, equilibrium, stoichiometry, and acids and bases.

SC137W AP CHEMISTRY

**Grade:** 11, 12  
**Prerequisite:** Concurrent enrollment in Algebra II or higher, Chemistry  
*May 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. *This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.*

SC145 ANATOMY AND PHYSIOLOGY

**Grades:** 10, 11, 12  
**Prerequisite:** Lab Biology or application and approval  
*May 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.

SC146W HONORS ANATOMY AND PHYSIOLOGY

**Grades:** 10, 11, 12  
**Prerequisite:** Lab Biology or application and approval  
*May 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

**Grades:** 11, 12  
**Prerequisite:** Two years of Lab Science and concurrent enrollment in Algebra II or higher  
*This course will satisfy one physics credit for Arizona university entrance requirements.*

This course will use math to discover and explain natural phenomena. Topics will include kinematics, forces, energy, momentum, electricity and waves. This course will also integrate basic chemistry and earth and space concepts into investigations.

SC151W AP PHYSICS 1

**Grades:** 11, 12  
**Prerequisite:** Two years of Lab Science and concurrent enrollment in Algebra II or higher  
*May be taken for dual credit.*  
*This course will satisfy one physics credit for Arizona university entrance requirements.*

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. *This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.*

SC152W AP PHYSICS 2

**Grades:** 11, 12  
**Prerequisite:** Physics or AP Physics 1, and Algebra II or higher  
*May be taken for dual credit.*  
*This course will satisfy one physics credit for Arizona university entrance requirements.*

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. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

**SC153W AP PHYSICS C: MECHANICS**

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<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> Completion or concurrent enrollment in Calculus AB or BC</td>
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</table>

This course will focus on kinematics, forces, momentum, energy, circular motion and rotation, oscillations and gravitation. It is the equivalent to first semester calculus based college physics. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

**SC154W AP PHYSICS C: ELECTRICITY AND MAGNETISM**

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<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong> Completion of a Physics class, completion or concurrent enrollment in Calculus AB or BC or application and approval</td>
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</tbody>
</table>

This course will focus on electrostatics, conductors and capacitors, steady state and transient circuits, magnetic fields, and electromagnetism. It will prepare students to take 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. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

**SC602 GEOLOGY**

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<tr>
<th>Grades: 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td><strong>Prerequisite:</strong> Lab Biology and Earth Science</td>
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May be taken for dual credit. This course will satisfy one Earth science credit for Arizona university entrance requirements.

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.

**SC603 FORENSIC SCIENCE**

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<th>Grades: 11, 12</th>
<th>1 Year</th>
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<tbody>
<tr>
<td><strong>Prerequisite:</strong> Lab Biology and Chemistry</td>
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</table>

Elective credit will be issued for this course.

This course will encompass aspects of all realms of the scientific community, to include physics, chemistry, biology, and geology. Students will survey key topics in forensic science, including the application of the scientific process through forensic analysis, procedures and principles of science via crime scene investigation, physical and trace evidence, and defending science application through law and courtroom procedures from the perspective of the forensic scientist. With the use of Google classroom, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection and responsible conclusions.

**ST995 STEM INTRODUCTION TO RESEARCH**

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

Elective credit will be issued for this course.

This course will provide students with the necessary tools to complete a research project. This includes selecting a topic, performing a literature search/review, and tools for collecting data such as Arduino microprocessors, sensors, CAD, 3D printing, and Internet of Things (IoT) technology. Students will participate in question and answer sessions regarding their project. Students will submit their research projects to various STEM organizations and fairs.

**ST998 STEM CAPSTONE CLASS**

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<tr>
<th>Grades: 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td><strong>Prerequisite:</strong> STEM Introduction to Research</td>
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</table>

Elective credit will be issued for this course.

This course will focus on the research design cycle, culminating with a Capstone project. Steps of the cycle include project identification, specification development, conceptual design, delivery, service maintenance, redesign, and retirement. Students will work independently and in groups to complete their projects.
ST999 STEM CAPSTONE PROJECT

<table>
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<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>STEM Introduction to Research</td>
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</table>

Elective credit will be issued for this course.

This course will provide additional time for students to complete their STEM Capstone project allowing for community site based research and experiential opportunities.

WORLD LANGUAGES

FL109 SPANISH I

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

This course will be an introduction to the Spanish language and culture. It is designed to give students the basic foundation of the three language modes of communication: interpretive, interpersonal and presentational. The students develop a fundamental vocabulary base as well as the building blocks of basic grammar concepts in order to communicate in a variety of familiar settings. The concepts will be taught through a variety of cultural themes, authentic resources and instructional techniques.

FL110 SPANISH II

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

This course will continue to develop language skills in the three areas of communication: interpretive, interpersonal and presentational. These skills will be developed through a variety of cultural themes. Also, a variety of instructional techniques and authentic sources will be used in order to provide students with many opportunities to learn and practice the language. Students will be expected to participate in Spanish daily in order to develop their language skills. By the end of level II, students will be able to communicate in Spanish about a variety of topics.

FL111W AP SPANISH LANGUAGE

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<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Spanish II or application and approval</td>
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</table>

This course will be offered to students who wish to pursue college-level studies in Spanish in preparation for the Advanced Placement Spanish Language and Culture exam. Students are required to exclusively speak Spanish with the instructor and classmates. The course continues to engage students in an exploration of cultural products, practices, and perspectives of the Spanish-speaking world based on six broad themes: Global Challenges, Science and Technology, Contemporary Life, Public and Personal Identities, Families and Communities, Beauty and Aesthetics. Coursework provides students with opportunities to demonstrate their proficiency in the three modes of communication: interpretive, interpersonal, and presentational. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.

FL113W SPANISH III

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<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Spanish II or application and approval</td>
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</table>

May be taken for dual credit.

This intermediate level course includes a review of content from levels I and II with the addition of more advanced concepts. Students will continue to develop interpretive, interpersonal, and presentational skills through a variety of activities and assignments. Spanish is used almost exclusively in the class by both the teacher and the students. Students at this level are expected to be self-motivated and self-directed in their learning. The course will include cultural topics in the Hispanic world through use of authentic resources and technology.

FL112W AP SPANISH LITERATURE AND CULTURE

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<tr>
<th>Grade:</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>Spanish III or application and approval</td>
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</table>

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

This course is equivalent to a college level introductory survey course of literature written in Spanish. Students continue to develop their interpretive, interpersonal, and presentational skills in Spanish language, as well as critical reading and analytical writing. Cultural connections will also be made throughout the course as they explore short stories, novels, plays, essays, and poetry written by authors from Spain, Latin America, and U.S. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.
FL114W SPANISH IV

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

Prerequisite: Spanish III or application and approval

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

May be taken for dual credit.

This course will serve as an advanced level Spanish language course. Spanish is used exclusively by both teacher and students to carry out daily activities and discussions. The exploration of the language and culture is taught through cultural themes using authentic resources and materials. The more complex structures are reviewed and refined through skill-building activities in the three modes of communication - interpretive, interpersonal and presentational - to prepare students for real-world situations.

FL115 SPANISH FOR SPANISH SPEAKERS

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

Prerequisite: Spanish speaking

This course may be repeated for credit.

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

FL209 FRENCH I

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

This course will be standards-based, and students will be able to communicate interpersonally in common, daily situations by acquiring frequent expressions as well as basic grammar and vocabulary. This course will balance speaking, comprehension, reading, and writing skills by focusing on the most frequently used vocabulary as well as by mass exposure to the language through a variety of literature and audiovisual sources relating to the French culture.

FL210 FRENCH II

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

Prerequisite: French I

This course will allow students to communicate interpersonally in authentic, unrehearsed, and spontaneous situations. Furthermore, the students will enhance skills acquired in level I as well as develop additional communication skills and intermediate-level grammar and vocabulary. This course will balance speaking, comprehension, reading, and writing skills by focusing on the most frequently used vocabulary as well as by mass exposure to the language through a variety of literature and audiovisual sources.

FL211W FRENCH III

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

Prerequisite: French II or application and approval

May be taken for dual credit.

This course includes a review of content from levels I and II with the addition of more advanced concepts. Students will continue to develop interpretive, interpersonal, and presentational skills through a variety of activities and assignments. French is used almost exclusively in the class by both the teacher and the students. Students at this level are expected to be self-motivated and self-directed in their learning. The course will include cultural topics in the Francophone world through use of authentic resources and technology.

FL212W FRENCH IV

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

Prerequisite: French III or application and approval

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

May be taken for dual credit.

This course will serve as an advanced level French language course. French is used exclusively by both teacher and students to carry out daily activities and discussions. The exploration of the language and culture is taught through cultural themes using authentic resources and materials. The more complex structures are reviewed and refined through skill-building activities in the three modes of communication - interpretive, interpersonal and presentational - to prepare students for real-world situations.

FL409 GERMAN I

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

This course will be an introduction to the German language, and students will be able to communicate interpersonally in common, daily situations by acquiring frequent expressions as well as basic grammar and vocabulary. This course will balance speaking, comprehension, reading, and writing skills by focusing on the most frequently used vocabulary as well as by mass exposure to the language through a variety of literature and audiovisual sources relating to the German culture.
FL410 GERMAN II

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<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td>Prerequisite: German I</td>
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</table>

This course will allow students to communicate interpersonally in authentic, unrehearsed, and spontaneous situations. Furthermore, the students will enhance skills acquired in level I as well as develop additional communication skills along with intermediate-level grammar and vocabulary. This course will balance speaking, comprehension, reading, and writing skills by focusing on the most frequently used vocabulary as well as by mass exposure to the language through a variety of literature and audiovisual sources.

FL411W GERMAN III

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<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite: German II or application and approval</td>
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</table>

May be taken for dual credit.

This course will include a review of content from levels I and II with the addition of more advanced concepts. Students will continue to develop interpretive, interpersonal, and presentational skills through a variety of activities and assignments. German is used almost exclusively in the class by both the teacher and the students. Students at this level are expected to be self-motivated and self-directed in their learning. The course will include cultural topics in the German world through use of authentic resources and technology.

FL412W GERMAN IV

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<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite: German III or application and approval</td>
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</table>

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

This course will serve as an advanced level German language course. German is used exclusively by both teacher and students to carry out daily activities and discussions. The exploration of the language and culture is taught through cultural themes using authentic resources and materials. The more complex structures are reviewed and refined through skill-building activities in the three modes of communication - interpretive, interpersonal and presentational - to prepare students for real-world situations.

FL509 JAPANESE I

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

This course will be an introduction the Japanese language. Students will learn to write in the target language. In this standards-based course, students will also be able to communicate interpersonally in common, daily situations by acquiring frequent expressions as well as basic grammar and vocabulary. This course will balance speaking, comprehension, reading, and writing skills by focusing on the most frequently used vocabulary as well as by mass exposure to the language through a variety of authentic resources relating to the Japanese culture.

FL510W JAPANESE II

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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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<tbody>
<tr>
<td>Prerequisite: Japanese I</td>
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</table>

This course will build on the foundations of level I with increased opportunities for oral communication. Students will continue to use the written language. In addition, the students will enhance skills acquired in Japanese I as well as develop additional communication skills along with grammar and vocabulary. This course will balance speaking, comprehension, reading, and writing skills by focusing on the most frequently used vocabulary as well as by mass exposure to the language through a variety of literature and audiovisual sources.

FL511W JAPANESE III

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<tr>
<th>Grades: 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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<tbody>
<tr>
<td>Prerequisite: Japanese II or application and approval</td>
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</table>

May be taken for dual credit.

This course will have students continue to develop proficiency in reading, writing, speaking and listening skills. This intermediate level course contains a review of content from levels I and II with the addition of more advanced concepts. Students will continue to develop interpretive, interpersonal, and presentational skills through a variety of activities and assignments. Japanese is used almost exclusively in the class by both the teacher and the students. Students at this level are expected to be self-motivated and self-directed in their learning. The course will include cultural topics in the Japanese world through use of authentic resources and technology.
### FL512W JAPANESE IV

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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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<tbody>
<tr>
<td>Prerequisite:</td>
<td>Japanese III or application and approval</td>
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<tr>
<td>Elective or CTE/FA4 credit will be issued for this course. May be taken for dual credit.</td>
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</table>

This course will have students continue to develop proficiency in reading, writing, speaking and listening skills. Students continue to expand their knowledge of Japanese cultural traditions. The exploration of the language and culture is taught through cultural themes using authentic resources and materials. The more complex structures are reviewed and refined through skill-building activities in the three modes of communication interpretive, interpersonal and presentational - to prepare students for real-world situations.

### FL609 AMERICAN SIGN LANGUAGE (ASL) I

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<th>Grades:</th>
<th>9, 10, 11, 12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tr>
<td>Prerequisite:</td>
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This course is an introductory class in which students will develop vocabulary and grammatical skills in the context of purposeful real-life communicative interactions. Students will become proficient in such everyday tasks as introducing themselves or a friend, telling about their activities, asking questions and exchanging information, and describing people, places and things. Through reading, discussion, Internet exploration, and video clips, students will develop an understanding of cultural differences.

### FL610 AMERICAN SIGN LANGUAGE (ASL) II

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<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>American Sign Language I</td>
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<tr>
<td>May be taken for dual credit.</td>
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</table>

This course will have students expand vocabulary, grammar and the contexts in which they can interact in culturally appropriate ways. Students will accomplish more abstract communicative tasks such as comparing, evaluating, giving and supporting an opinion or hypothesizing. New language functions will be introduced and practiced within the context of real-life situations. Authentic materials, video clips, reading and discussion will continue to broaden awareness of and respect for differences and similarities between cultures.

### FL611W AMERICAN SIGN LANGUAGE (ASL) III

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

This course is an intermediate level course in which students will expand their ability to communicate in a variety of settings about an increasing number of topics. Communicative functions will continue to be practiced in meaningful real-life contexts as students acquire greater breadth & depth of vocabulary & grammar. It will also expand their understanding of such advanced grammatical features as the use of classifiers, spatial visualization, role play and eye gaze in storytelling & everyday conversation.

### FL612 AMERICAN SIGN LANGUAGE (ASL) IV

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<th>Grades:</th>
<th>12</th>
<th>1 Year</th>
<th>1 Credit</th>
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<tbody>
<tr>
<td>Prerequisite:</td>
<td>American Sign Language III</td>
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</table>

This course is an advanced level course in which students will expand their ability to communicate in a variety of settings about an increasing number of topics. Communicative functions will continue to be utilized in meaningful real-life contexts as students acquire greater breadth & depth of vocabulary & grammar. Authentic materials, video clips, reading and discussion will continue to broaden awareness of and respect for differences and similarities between cultures. Students will receive 1/2 credit for 90 volunteer hours per semester. Students will attend class on campus once a week, and the remainder will be at their volunteer site. Students must complete a work log and a work portfolio prior to receiving credit.
**ADDITIONAL ELECTIVE COURSES**

**AD100W ACADEMIC DECATHLON**

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

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

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

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**This course may be repeated for credit.**

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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.

**AG200 AGRICULTURAL LEADERSHIP DEVELOPMENT**

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

**Prerequisite:** Successful completion of an agricultural course or application and approval

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**Fee:** $15.00

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**This course may be repeated for credit.**

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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.

**AV100 ADVANCEMENT VIA INDIVIDUAL DETERMINATION (AVID)**

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

**Prerequisite:** Application and approval

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

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**This course may be repeated for credit.**

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

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

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**Elective credit will be issued for this course.**

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**This course may be repeated for credit.**

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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.

**BT132 PERSONAL FINANCE**

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

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**May be taken for dual credit.**

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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.

**BT154 INTERNET/WEB DEVELOPMENT**

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<thead>
<tr>
<th>Grades:</th>
<th>10, 11, 12</th>
<th>1 Semester</th>
<th>1/2 Credit</th>
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</thead>
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**May be taken for dual credit.**

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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.
### BT515 FOUNDATIONS OF FILM

**Grades:** 9, 10, 11, 12  
**1 Semester**  
**1/2 Credit**  
*Elective credit will be issued for this course.*

This course will introduce students to the film industry and history of cinema through the study of classic and contemporary films. Emphasis will be placed on exposing the class to a wide variety of styles and genres as well as formulating and justifying criticisms of the work. Students will use broadcast equipment to create their own projects. Hands-on projects, written analyses and participation in class discussions will be requirements for successful completion of the course.

### BT198 COMPUTER SCIENCE DISCOVERIES

**Grades:** 9, 10, 11, 12  
**1 Year**  
**1 Credit**  
*Elective credit will be issued for this course.*

This course will allow students to utilize introductory computer science skills to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

### BT800 SUPPORT TECHNICIAN INTERNSHIP

**Grades:** 9, 10, 11, 12  
**1 Year**  
**1 Credit**  
*Elective credit will be issued for this course.*

**Prerequisite:** Application and application and approval  

This program will provide an opportunity for students to participate in day-to-day technology operations supporting the campus. The Student On-Site Support Technician (SOS) will be trained to provide level one technology support in high schools. Resources will be provided to assist in tracking daily activities, trouble-shooting hardware and software applications, and providing general support to staff and students. 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. A grade of Satisfactory/Unsatisfactory will be assigned at the completion of the course.

### GC105 COMMUNITY VOLUNTEER SERVICE

**Grades:** 11, 12  
**1 Semester**  
**1/2 Credit**  
*This course may be repeated for credit.*

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

**Grades:** 10, 11, 12  
**1 Year**  
**1 Credit**  
*Elective credit will be issued for this course.*

**Prerequisite:** Application and approval, parent permission required.  
*This course may be repeated for credit.*

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.

### IE140 ELECTRONICS/ROBOTICS I  
**HHS 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.

### IE141 ELECTRONICS/ROBOTICS II  
**HHS 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.*

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.
PE505 DRIVER’S EDUCATION
DrHS, GHS, HHS, & MHS ONLY
Grades: 10, 11, 12
1 Semester 1/2 Credit
Prerequisite: Student must be at least 15 years and 6 months old
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.

PE800 ATHLETIC PHYSICAL EDUCATION
Grades: 9, 10, 11, 12 1 Athletic Season 1/2 Credit
(Maximum of 1 credit per year)
Prerequisite: Athletic team membership, head coach approval
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.
This course may be repeated for credit.
Elective credit will be issued for this course.
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.

MI106W AP SEMINAR
Grades: 10, 11, 12
1 Year 1 Credit-Weighted Grade
Elective credit will be issued for this course.
This course will engage students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Students must complete the AP exam in order to receive credit for the course. AP Seminar is the first in a two course series that completes the AP Capstone curriculum. Students who successfully complete four AP courses and exams with a score of 3 or better, and the two AP Capstone course are eligible for the AP Capstone Diploma awarded through the College Board.

MI107W AP RESEARCH
Grades: 11, 12
1 Year 1 Credit-Weighted Grade
Elective credit will be issued for this course.
This course will allow students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan and conduct a year-long research based investigation to address a research question. Students will further skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing and synthesizing information as they address a research question. Students will explore their skill development, document their processes, and curate the artifacts of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4,000 to 5,000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense. Students who take AP Research are required to complete the AP paper in order to earn credit for the course. AP Research is the second in a two course series that completes the AP Capstone curriculum. Students who successfully complete four AP courses and exams with a score of 3 or better, as well as the two AP Capstone courses, are eligible for the AP Capstone Diploma awarded through College Board.

MI108 CREATIVE SCIENTIFIC COMMUNICATIONS
Grades: 10, 11, 12
1 Year 1 Credit
Prerequisite: English I and one year of lab science
Elective credit will be issued for this course.
This course will allow students to uncover how creative thinking and scientific thinking offer unique perspectives on our complex, expanding world. Students will read, view and discuss material inspired by science, and use them as a model for creating their own poems, stories, artwork, and essays. This course will challenge the
There is a misconception that scientists and artist are two opposite sides of a coin, and bridge the gaps between disciplines. There will be an emphasis on critical thinking, scientific communication, and composition and revision skills. Students should have a strong desire to read and write creatively about science.

### MI300 Campus Internship

**Grades:** 11, 12  
**Semester:** 1  
**Credit:** 0.5  
**Enrollment:** Elective credit will be issued for this course.

Campus Internship is a program that requires a semester or year-long commitment and allows students to explore their career interests, gain valuable work experience, serve the school community, build a college or work resume, and earn credit toward their high school diploma. In order to participate in the internship program, students must complete an application, provide a resume, and participate in an interview process. A grade of Satisfactory/Unsatisfactory will be assigned at the completion of the course.

### MI700 Unified Culinary Arts

**Grades:** 9, 10, 11, 12  
**Semester:** 1  
**Credit:** 0.5  
**Fee:** $25.00  
**Enrollment:** Elective credit will be issued for this course.

This course will provide opportunities for students with intellectual or physical disabilities to be partnered with typical students in a daily culinary class. It will provide instruction in meal preparation, basic nutrition, and healthy food selection. Healthy cooking principles, safety and sanitation, proper use of equipment, and basic workplace skills will also be covered.

### MI701 Unified Ceramics

**Grades:** 9, 10, 11, 12  
**Semester:** 1  
**Credit:** 0.5  
**Fee:** $30.00 per semester  
**Enrollment:** Elective credit will be issued for this course.

This course will provide opportunities for students with intellectual or physical disabilities to be partnered with typical students in a daily ceramics class. It will provide students with basic ceramic 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.

### MI702 Unified Art & Design I

**Grades:** 9, 10, 11, 12  
**Semester:** 1  
**Credit:** 1  
**Fee:** $20.00 per semester  
**Enrollment:** Elective credit will be issued for this course.

This course will provide opportunities for students with intellectual or physical disabilities to be partnered with typical students in a daily art class. It 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 using drawing and painting techniques.

### MI703 Unified Choir

**Grades:** 9, 10, 11, 12  
**Semester:** 1  
**Credit:** 1  
**Fee:** $20.00 per semester  
**Enrollment:** Elective credit will be issued for this course.

This course will provide opportunities for students with intellectual or physical disabilities to be partnered with typical students to explore the fun of music. Students will sing and study musicianship skills with modifications provided to ensure everyone’s success. Students will explore music across a range of historical periods, genres, styles, and traditions, including the works of the great composers and musicians. Performance opportunities will be offered throughout the year.

### RT741-RT747 Release Time

**Grade:** 9, 10, 11, 12  
**Semester:** 1  
**Credit:** No  
**Enrollment:** 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

Grades: 9, 10, 11, 12 1 Year No Credit

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.

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.

This course will train individuals to assist developmentally disabled students with personal management, leisure, vocational skills, and academics. Students may 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.

SPECIAL EDUCATION

RESOURCE CLASSES

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

SP607 ENGLISH 1 9TH
SP608 ENGLISH 1 10TH
SP609 ENGLISH 1 11TH
SP610 ENGLISH 1 12TH

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

This course will integrate reading, writing, speaking, listening and language skills. Students are taught strategies to effectively read both fiction and nonfiction and respond through varied writing activities.

SP611 ENGLISH 2 9TH
SP612 ENGLISH 2 10TH
SP613 ENGLISH 2 11TH
SP614 ENGLISH 2 12TH

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

This course will integrate reading, writing, speaking, listening and language skills. In addition, this course will emphasize themes in world and multicultural literature with an emphasis on critical reading skills. The writing skills of drafting, revising, and proofreading will also be emphasized.

SP615 ENGLISH 3 9TH
SP616 ENGLISH 3 10TH
SP617 ENGLISH 3 11TH
SP618 ENGLISH 3 12TH

Grade: 9, 10, 11, 12 1 Year 1 Credit
This course will integrate reading, writing, speaking, listening and language skills. In addition, this course will cover American themes, authors, and literary movements with an emphasis on combining analytical thinking skills with writing.

**SP619 ENGLISH 4 9TH**
**SP620 ENGLISH 4 10TH**
**SP621 ENGLISH 4 11TH**
**SP622 ENGLISH 4 12TH**

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

This course will integrate reading, writing, speaking, listening and language skills. In addition, this course will develop students’ writing and reading skills for real world applications. 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.

**SP623 ENGLISH 5 9TH**
**SP624 ENGLISH 5 10TH**

| Grade: 9, 10 | 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.

**SP625 ENGLISH 6 11TH**
**SP626 ENGLISH 6 12TH**

| Grade: 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.

**SP420 MATH 1 9th**
**SP421 MATH 1 10TH**
**SP422 MATH 1 11TH**
**SP423 MATH 1 12TH**

| 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, and data and statistics.

**SP424 MATH 2 9th**
**SP425 MATH 2 10TH**
**SP426 MATH 2 11TH**
**SP427 MATH 2 12TH**

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

This course will cover rational number operations, equivalency, comparing and ordering, decimals, scientific notation, concept of integers, integer operations, data and probability, and geometry and measurement.

**SP428 MATH 3 9th**
**SP429 MATH 3 10TH**
**SP430 MATH 3 11TH**
**SP431 MATH 3 12TH**

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

This course will examine rational number operations, variables and translations, inequalities, order of operations, properties, functions, proportions, rates and ratios, geometry and measurement, and data and statistics.

**SP432 PRE-ALGEBRA 9TH**
**SP433 PRE-ALGEBRA 10TH**
**SP434 PRE-ALGEBRA 11TH**
**SP435 PRE-ALGEBRA 12TH**

| 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.

**SP436 FINANCIAL APPLICATIONS 11TH**
**SP437 FINANCIAL APPLICATIONS 12TH**
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<th>Grades:</th>
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<th>1 Year</th>
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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**

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</table>

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**

<table>
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<th>9, 10, 11, 12</th>
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</table>

This course is designed to provide students with focused instruction and strategies related to improving executive functioning skills. Topics covered include organization, time management, test-taking strategies, effective study techniques, note taking, self-advocacy, and problem solving.

**SP140 CAREER CHOICES**

| Grade: | 9, 10, 11 | 1 Semester | 1/2 Credit |

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.**

| Grade: | 12 | 1 Year | 3 Credits |

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 History and Social Sciences.

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 SKILLS**

**SP438 ENGLISH 9TH**
**SP439 ENGLISH 10TH**
**SP440 ENGLISH 11TH**
**SP441 ENGLISH 12TH**

| 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. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. This course will stress the real-world applications of reading and writing skills.

**SP442 MATH 9TH**
**SP443 MATH 10TH**
**SP444 MATH 11TH**
**SP445 MATH 12TH**

| Grades: | 9, 10, 11, 12 | 1 Year | 1 Credit |
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 HISTORY AND SOCIAL SCIENCES**

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<th>Grades:</th>
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</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**

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</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**

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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**

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<th>Grades:</th>
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</table>
This course will emphasize vocabulary development, reading comprehension, and writing skills using science topics and text.

**SELF-CONTAINED - (FSCILLS, LIFE/MD SCILLS or SPICE I)**

**SP506 ENGLISH**

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<tr>
<th>Grades:</th>
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</table>
*Prerequisite: Per IEP Team determination for FSCILLS or LIFE/MD SCILLS or SPICE 1*
This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP507 MATH**

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*Prerequisite: Per IEP Team determination for FSCILLS or LIFE/MD SCILLS or SPICE 1*
This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP508 SCIENCE**

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*Prerequisite: Per IEP Team determination for FSCILLS or LIFE/MD SCILLS or SPICE 1*
This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP509 HISTORY AND SOCIAL SCIENCES**

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*Prerequisite: Per IEP Team determination for FSCILLS or LIFE/MD SCILLS or SPICE 1*
This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP510 INTERPERSONAL COMMUNICATION**

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*Prerequisite: Per IEP Team determination for FSCILLS or LIFE/MD SCILLS or SPICE 1*
This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP511 CAREER EXPLORATION**

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This course will emphasize instruction that supports functional life skills and post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals. Career exploration and post-secondary opportunities will be explored.

**SP512 PRE-VOCATIONAL**

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This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP513 STUDY STRATEGIES**

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This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP514 COMMUNICATION SKILLS**

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This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals. Emphasis will be placed on real-world applications and practice of these skills.

**SP515 TECHNOLOGY COMMUNICATION**

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</tbody>
</table>

This course will address the use of technology that most individuals will encounter in today’s world, including emerging technologies. It will provide an introduction to technology including keyboarding, using email for both personal and professional purposes, using Google applications, developing presentations through different media software, appropriate uses of technology, appropriate internet searches and online safety. Along with the technology content, this course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP516 COMMUNITY VOLUNTEER SERVICE**

<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>Per IEP Team determination for FSCILLS or LIFE/MD SCILLS or SPICE 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals. This course will provide opportunities for campus-based community volunteer service with a focus on providing pre-vocational experience.

**SP517 CURRICULUM SUPPORT CLASS**

<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>Per IEP Team determination for FSCILLS or LIFE/MD SCILLS or SPICE 1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This course will emphasize pre-reading and pre-writing instruction, which supports functional life skills and prepares students for post-secondary activities. Instruction will be delivered at a level appropriate for each student, based on IEP goals.

**SP239 ACHIEVEMENT THROUGH BASIC LIFE EXPERIENCE (ABLE)**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>Per IEP team determination</th>
<th>1 Year</th>
<th>4 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elective or CTE credit will be issued for this course.</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.</strong></td>
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</tbody>
</table>
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 and 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 (STRIVE)**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>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 not meet the CTE/Fine Arts requirement for Arizona university entrance.*

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:</th>
<th>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 will not meet the CTE/Fine Arts requirement for Arizona university entrance.*

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 an 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 (JOBS)**

<table>
<thead>
<tr>
<th>Grade:</th>
<th>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 will not meet the CTE/Fine Arts requirement for Arizona university entrance.*

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.

**SPICE II**

**SP606 INTERPERSONAL COMMUNICATIONS & STUDY STRATEGIES**

<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 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

**IC100W ADVANCED ENGLISH LANGUAGE AND LITERATURE**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Honors English 9, Honors English 10, and application and approval</td>
<td></td>
</tr>
</tbody>
</table>

This course will explore a detailed studies approach to works written in English in which students examine a variety of genres and themes. Skills focus on close reading techniques, language effects, written literary analysis and oral commentary. Literacy pieces include British and American classics as well as works written by modern authors from a variety of backgrounds. Through a variety of literary genres, students will examine international works for theme, cultural influences, and the human experience. Literary analysis, social criticism and comparative analysis will also be emphasized.

**IC105W ADVANCED MATH APPLICATIONS I**

**IC106W ADVANCED MATH APPLICATIONS II**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>2 Years</th>
<th>2 Credit-Weighted Grades</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Algebra II, and application and approval</td>
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</table>

This two-year course sequence will allow students to use mathematics and technology to solve problems within real world contexts. These problems will allow for modeling with mathematics in areas including number theory, algebra, functions, geometry, trigonometry, probability, statistics, and calculus. Students use investigative methods along with graphing technology within this coursework.

**IC110W ADVANCED BIOLOGY I**

**IC111W ADVANCED BIOLOGY II**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>2 Years</th>
<th>2 Credit-Weighted Grades</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Honors Lab Biology, Honors Chemistry, and application and approval</td>
<td></td>
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</tbody>
</table>

This two-year comprehensive course will allow students to obtain a secure knowledge of a limited body of facts and at the same time, a broad understanding of biology. Students will be introduced to the way scientists work and communicate with each other by performing laboratory experiments, using the scientific method, and writing laboratory reports. Students will spend approximately 60 hours or 25% of the class performing these laboratory experiments.

**IC115W ADVANCED CHEMISTRY I**

**IC116W ADVANCED CHEMISTRY II**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>2 Years</th>
<th>2 Credit-Weighted Grades</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>Honors Lab Biology, Honors Chemistry, and application and approval</td>
<td></td>
</tr>
</tbody>
</table>

This two-year comprehensive course is designed to build upon the foundations learned in Honors Chemistry. The course will help students to analyze and interpret data along with building experimental techniques and in the design of experiments. Topics include stoichiometry, atomic theory, periodicity, bonding and structure, thermodynamics, kinetics, equilibria, redox reactions, organic chemistry, and measurement and data processing. Higher-level chemistry requires 60 hours additional time in the above topics along with 25 hours in one of the following additional topics: materials, biochemistry, energy, or medicinal chemistry. The course involves keeping a data booklet along with 60 hours of laboratory time to include 10 hours for individual investigation (IA) and 10 hours for group 4 project.

**IC120W ADVANCED HISTORY OF THE NEW WORLD**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>1 Year</th>
<th>1 Credit-Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td>Prerequisite:</td>
<td>World Studies, American/Arizona History, and application and approval</td>
<td></td>
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</tbody>
</table>

This course will serve as an in-depth exploration into the major events throughout the course of contemporary American History. Students will be guided through major themes of history from an international perspective. The course will be researched based inquiry into the economic, political, social, and cultural events from the past century.
IC125W ADVANCED HISTORY OF IDEAS

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

Elective credit will be issued for this course.

This course will take a cross-curricular approach to unifying knowledge acquired in different disciplines. Students will have the opportunity to distinguish between the subjective from the objective, particular from the universal, and opinion from scientific knowledge. Students will consider logical symbolism, the formation of scientific concepts, mathematics and reality, the nature and basis of judgements, and the implications of opinion, knowledge, and truth.

IC130W ADVANCED ECONOMICS

Grades: 12
1 Year
1 Credit-Weighted Grade

Prerequisite: Application and approval

Economics credit will be issued for this course.

This course will allow students to study the interaction of consumers and producers in the marketplace, with an emphasis on microeconomics, macroeconomics, international and development economics. Students will learn to use graphs, charts, and data to analyze, describe and explain economic concepts.

IC135W ADVANCED DANCE

Grades: 11
1 Year
1 Credit-Weighted Grade

Prerequisite: Two years of dance and/or audition, application and approval

Fine Arts credit will be issued for this course.

Costume costs may be incurred, not to exceed $500.00.

Additional program costs may be incurred for optional activities related to the program, not to exceed $500.00.

This course will provide the advanced and company level dance student an opportunity to grow as an artist and leader in their community through performing, teaching, choreographing and analyzing dance with both a personal and global understanding. The history, technique, vocabulary, and traditions in various dance styles will be explored and depicted in choreographic work. The choreographic work will encourage a dialogue in the dance community and world through performance and use of technology.

IC140W ADVANCED MUSIC AND PERFORMANCE I

IC141W ADVANCED MUSIC AND PERFORMANCE II

Grades: 11, 12
2 Years
2 Credit-Weighted Grade

Prerequisite: Two years of ensemble participation or application and approval

Fee: $75.00

Additional program costs may be incurred for optional activities related to the program, not to exceed $75.00

Elective credit will be issued for this course.

This two-year course serves as an in-depth exploration of the major components of music and music performance: music theory, elements of form, aural perception, styles, time-periods, cultures, and context. Exploration of music as culture, music as lifetime enjoyment, and music as a profession will also be a focus of this course. Students should be prepared to study and perform music of diverse cultures including appropriate expression and engagement. Opportunities will exist for composition and creativity and students will perform in solo, chamber, or large ensemble. This course requires concurrent membership in a band, orchestra, or choir class is required. Students will meet two days a week plus arranged times with the teacher. Extra performances will be assigned and required.

IC145W ADVANCED PSYCHOLOGY

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

Prerequisite: Application and approval

Elective credit will be issued for this course.

This course will provide the systematic and scientific study of behavior and mental processes. Course content includes history and approaches, research methods, biological basis for behavior, sensation and perception, the state of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal behavior and its treatment, and social psychology. Because inquiry is the cornerstone in the study of history and social sciences, student will develop and utilize skills in the same context as historians and social scientists. These skills will include analyzing primary and secondary sources, reasoning and contextualization, causation, continuity and change over time, and argumentation. Emphasis will also focus on interpreting and analyzing data sets, such as tables, charts, graphs, maps, and infographics.
### IC150W ADVANCED SPORTS, EXERCISE, AND HEALTH SCIENCE  
**GHS only**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 1 Credit-Weighted Grade</th>
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</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Lab Biology, application and approval</td>
</tr>
</tbody>
</table>

*Science or elective credit will be issued for this course.*

This course will involve the study of anatomy and physiology, biomechanics, psychology and nutrition in the context of sport, exercise, and health. Students will explore a range of core and option topics, and carry out experimental investigations in both laboratory and field settings. Students will have the opportunity to acquire the knowledge and understanding to apply scientific principles and critically analyze human performance and develop their understanding of the scientific method.

### IC155W ADVANCED SPANISH  
**GHS only**

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

*Elective credit will be issued for this course.*

This course will help students advance their receptive, productive and interactive Spanish language skills as they explore in-depth themes of change, groups, and leisure through the study of geography, history, art, music and literature. Literary pieces include Spanish and Latin American classics, modern Hispanic authors from a variety of backgrounds, and mass-produced texts. Literary analysis, artistic analysis, social criticism, and comparative analysis will be emphasized.

### IC160W ADVANCED VISUAL ARTS I  
**GHS only**

<table>
<thead>
<tr>
<th>Grades:</th>
<th>11, 12, 1 Year, 1 Credit-Weighted Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisite:</strong></td>
<td>Two semesters of any visual art course, and application and approval</td>
</tr>
<tr>
<td><strong>Fee:</strong></td>
<td>$40.00</td>
</tr>
</tbody>
</table>

*Elective credit will be issued for this course.*

This course will examine and compare the work of artists from different cultural contexts. Students will make art through a process of investigation, thinking critically, and experimenting with techniques to develop an informed response. Students will experiment with diverse media and explore techniques for making art while producing a body of artwork, and then selecting and presenting works for exhibition.
### High School English Department Approved Literature List

Honors/AP classes may use any of the works listed in their regular grade levels unless it was taught in the previous honors year.

#### Freshman Level
- Great Expectations
- Life of Pi, The
- Miracle Worker, The
- Odyssey, The
- Outsiders, The
- Pearl, The
- Romeo and Juliet
- Separate Peace, A
- To Kill a Mockingbird
- When the Legends Die
- Elements of Literature Text

#### Sophomore Level
- Animal Farm
- Anthem
- Bean Trees, The
- Bless Me Ultima
- Chocolate War, The
- Chosen, The
- Education of Little Tree, The
- Fahrenheit 451
- Flowers for Algernon
- Glass Menagerie, The
- Joy Luck Club, The
- Julius Caesar
- Midsummer Night’s Dream, A
- Mythology
- Nectar in a Sieve
- Shadow of the Dragon
- Taming of the Shrew, The
- Woman Warrior, The
- Elements of Literature Text

#### Junior Level
- Adventures of Huckleberry Finn
- Brave New World
- Farewell to Manzanar
- Great Gatsby, The
- Hiroshima
- Jungle, The
- My Antonia
- Of Mice and Men
- Old Man and the Sea
- Our Town
- Outliers
- Red Badge of Courage, The
- Scarlet Letter, The
- Spoon River Anthology
- View from the Bridge, A
- Elements of Literature Text

#### Senior Level
- Albuquerque
- Catcher in the Rye, The
- Ceremony
- Cry the Beloved Country
- Cyrano de Bergerac
- Death of a Salesman
- Ender’s Game
- Farewell to Arms
- Fifty Science Fiction Tales
- Fixer, The
- Frankenstein
- I Know Why the Caged Bird Sings
- Lord of the Flies
- Man’s Search for Meaning
- One Day in the Life of Denisovich
- Picture of Dorian Gray, The
- Siddhartha
- Stranger, The
- Wuthering Heights
- 1984

**All Shakespearean Plays not used at levels 9 & 10 (4 Comedies, 4 Tragedies)**
- Elements of Literature Text
- Alchemist, The (CVS)

#### Sophomore Honors
- Antigone
- Enemy of the People
- Heart of Darkness
- Ibsen – Four Plays
- Inferno, The
- Metamorphosis, The
- Tale of Two Cities
- Siddhartha
- Wuthering Heights
- 1984
- Norton Anthology, Vol. I
- Oedipus the King (GCA)
- Aeneid, The (GCA)

#### Junior AP Lang/Comp
- All My Sons
- An American Childhood
- Grapes of Wrath, The
- Jane Eyre
- Man’s Search for Meaning (GCA)
- Silent Spring
- Bedford Reader
- Norton Anthology of American Literature
- A Streetcar Named Desire (GCA)

#### Senior AP Lit/Comp
- Awakening
- Beloved
- Catch 22
- Ceremony
- Color Purple, The
- Heart of Darkness
- Invisible Man, The
- A Portrait of the Artist as a Young Man
- Rosencrantz and Guildenstern Are Dead
- Their Eyes Were Watching God
- Three by Faulkner
- Turn of the Screw
- Waiting for Godot
- Waste Land, The
- King Lear (GCA)
- Hamlet (GCA)
- Billy Budd (GCA)
# Required AP/Honors Summer Reading List – 2019-2020

<table>
<thead>
<tr>
<th><strong>Campo Verde High School</strong></th>
<th><strong>Highland High School</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Honors English I</strong></td>
<td><strong>Honors English I</strong></td>
</tr>
<tr>
<td>The Pearl (John Steinbeck)</td>
<td>Animal Farm (George Orwell)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Honors English II</strong></td>
<td><strong>Honors English II</strong></td>
</tr>
<tr>
<td>Bless Me Ultima (Rudolfo Anaya)</td>
<td>Anthem (Ayn Rand)</td>
</tr>
<tr>
<td></td>
<td>Fahrenheit 451 (Ray Bradbury)</td>
</tr>
<tr>
<td><strong>AP English III</strong></td>
<td><strong>AP English III</strong></td>
</tr>
<tr>
<td>The Crucible (Arthur Miller)</td>
<td>Adventures of Huckleberry Finn (Mark Twain)</td>
</tr>
<tr>
<td><strong>AP English IV</strong></td>
<td><strong>AP English IV</strong></td>
</tr>
<tr>
<td>Frankenstein (Mary Shelley)</td>
<td>Brave New World (Aldous Huxley)</td>
</tr>
<tr>
<td></td>
<td>Heart of Darkness (Joseph Conrad)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Desert Ridge High School</strong></th>
<th><strong>Mesquite High School</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Honors English I</strong></td>
<td><strong>Honors English I</strong></td>
</tr>
<tr>
<td>Raisin in the Sun (Lorraine Hansberry)</td>
<td>A Separate Peace (John Knowles)</td>
</tr>
<tr>
<td><strong>Honors English II</strong></td>
<td><strong>Honors English II</strong></td>
</tr>
<tr>
<td>Animal Farm (George Orwell)</td>
<td>Anthem (Ayn Rand)</td>
</tr>
<tr>
<td>Anthem (Ayn Rand)</td>
<td>Fahrenheit 451 (Ray Bradbury)</td>
</tr>
<tr>
<td><strong>AP English III</strong></td>
<td><strong>AP English III</strong></td>
</tr>
<tr>
<td></td>
<td>Jane Eyre (Charlotte Bronte)</td>
</tr>
<tr>
<td></td>
<td>The Bean Trees (Barbara Kingsolver)</td>
</tr>
<tr>
<td><strong>AP English IV</strong></td>
<td><strong>AP English IV</strong></td>
</tr>
<tr>
<td></td>
<td>Brave New World (Aldous Huxley)</td>
</tr>
<tr>
<td></td>
<td>Frankenstein (Mary Shelley)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Gilbert High School</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Honors English I</strong></td>
<td></td>
</tr>
<tr>
<td>Life of Pi (Yann Martel)</td>
<td></td>
</tr>
<tr>
<td><strong>Honors English II</strong></td>
<td></td>
</tr>
<tr>
<td>The Bean Trees (Barbara Kingsolver)</td>
<td></td>
</tr>
<tr>
<td><strong>AP English III</strong></td>
<td></td>
</tr>
<tr>
<td>Outliers (Malcom Gladwell)</td>
<td></td>
</tr>
<tr>
<td><strong>AP English IV</strong></td>
<td></td>
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<td>Frankenstein (Mary Shelley)</td>
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</tbody>
</table>
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, world languages, 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 compete against other GPS junior high schools. High school students are members of the AIA competing in various divisions depending on the sport. All divisions are based on school size to ensure appropriate competition.

For more information, please contact the Registrar at 480-497-4034.

Gilbert Classical Academy is a 7-12 school. Its Course Description Book can be found by visiting http://gca.gilbertschools.net/academics

The mission of our online school is to provide an alternative anytime/anywhere learning opportunity for all junior high and high school students. Online learning is proving to be a compelling environment for a significant segment of our school population. The skills acquired to learn and communicate online are life-long skills that will serve students in high school, college, and in the workplace.

Online courses are available to students living in the state of Arizona:

1) Who are enrolled in a school district,
2) Who are home schooled, or
3) Who attend a private school

If you are in grades 7 to 12 and are motivated and willing to work independently, set goals, and manage your own study schedule, online learning may be for you. Online learning is designed to provide a challenging and alternative educational option for students to meet state secondary educational requirements for graduation.

To learn more about Global Academy/Online Learning and how to register for an online course, please go to http://www.gilbertschools.net/global.

You may also reach Global Academy by calling (480) 507-1476 or by emailing GAonline@gilbertschools.net
Canyon Valley
7007 E. Guadalupe Rd
Mesa, AZ 85212
(480) 507-0519

Canyon Valley serves as an educational opportunity for all Gilbert Public Schools students, grades 9-12. Emphasis is placed on credit recovery, acceleration, 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 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 Canyon Valley 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. 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 Canyon Valley is aligned to the AZ Academic Standards. Learning is achieved through direct teacher instruction and self-paced outcome-based curriculum. Students in grade 9 will participate in AIMS Science, grade 10 will participate in AzM2 ELA and Math. Grade 11 will participate in ACT. Canyon Valley students must obtain a passing score on the American Civics Exam in order to graduate.
### Fee schedule for 2020-2021

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Course Fee</th>
<th>Term</th>
<th>Purpose of Fee</th>
<th>Additional Program Costs (potentially for optional activities). See teacher syllabus for exact cost and details.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Agriculture</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AG100</td>
<td>Applied Biological Systems</td>
<td>$15.00</td>
<td>Year</td>
<td>Classroom Supplies</td>
<td></td>
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<td>Classroom Supplies</td>
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<tr>
<td>MA201</td>
<td>Recovery Math 2</td>
<td>$80.00</td>
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<tr>
<td>IE107</td>
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<td>$0</td>
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<tr>
<td>PE108</td>
<td>Danceworks LTD, Company (GHS)</td>
<td>$0</td>
<td>Year</td>
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<tr>
<td>PE109</td>
<td>One Image Dance Company (HHS)</td>
<td>$0</td>
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<td>PE110</td>
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<td>Costume Expenses</td>
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<tr>
<td>PE111</td>
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<td>Year</td>
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<td>PE501</td>
<td>Sports Medicine II</td>
<td>$10.00</td>
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<td>SC202</td>
<td>Digital Electronics</td>
<td>$20.00</td>
<td>Year</td>
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<td>SC210</td>
<td>Principles of the Biomedical Sciences</td>
<td>$20.00</td>
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<td>SC212W</td>
<td>Medical Interventions</td>
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<tr>
<td></td>
<td><strong>ADDITIONAL FEES</strong></td>
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<td></td>
<td><strong>HIGH SCHOOL FEES</strong></td>
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<tr>
<td></td>
<td>Additional course above 6*</td>
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<tr>
<td></td>
<td>Comprehensive High School</td>
<td>$160.00</td>
<td>Per Semester</td>
<td>Fee for additional courses above 6</td>
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<td>Global Academy</td>
<td>$160.00</td>
<td>Per Course</td>
<td>Fee for additional courses above 6</td>
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<td>Global Academy Grade Replacement Course Fee</td>
<td>$160.00</td>
<td>Per Course</td>
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<td>Global Academy Hybrid Registration Fee – Non-</td>
<td>$25.00</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>refundable</td>
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<td></td>
<td>GCA</td>
<td>$160.00</td>
<td>Per Semester</td>
<td>Fee for additional courses above 7</td>
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<td></td>
<td>Activity Card - High School*</td>
<td>$45.00</td>
<td>Year</td>
<td>Student activities related to school (entrance to games, discounts to dances, etc.)</td>
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<td></td>
<td>AIA Athletic/Activity Fee</td>
<td>$100.00</td>
<td>Year</td>
<td>Coaches stipends</td>
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<td></td>
<td>Calculator Rental*</td>
<td>$35.00</td>
<td>Year</td>
<td>Calculator Rental</td>
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<td></td>
<td>Class Activity/Extracurricular Fee</td>
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<td>Credit Card Processing Fee</td>
<td>$1.95</td>
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<td></td>
<td>Late Library Fees – Per Day</td>
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<tr>
<td></td>
<td>Lunch</td>
<td>TBD</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Student Parking*</td>
<td>$60.00</td>
<td>Year</td>
<td>Supplements Security Costs</td>
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<td></td>
<td>Summer School</td>
<td>$180.00</td>
<td>Per Course</td>
<td>Summer School - Credit Recovery or Enrichment</td>
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<td>Test Fees PSAT, SAT, ACT, AP</td>
<td>$15.00-$100.00</td>
<td>Per Test</td>
<td>Cost of the Test, materials, processing results</td>
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<td>Extra Course Fee Note: If participation in a program requires concurrent enrollment in two or more classes, an extra course fee may not be charged.</td>
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<td></td>
<td>TECHNOLOGY FEES</td>
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<td></td>
<td>Optional Technology Device Protection Plan</td>
<td>$25.00</td>
<td>Year</td>
<td>Rollover/Year based</td>
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Fees for a course category may be waived at the discretion of the principal at his/her campus.
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<thead>
<tr>
<th>Item</th>
<th>With DPP/Without DPP</th>
<th>Year</th>
<th>Description</th>
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<td></td>
<td>Device Replacement (Lost)</td>
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<tr>
<td>$200.00</td>
<td></td>
<td></td>
<td>Device Replacement (Stolen)</td>
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<td>$0 / $16.00</td>
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<td></td>
<td>Touchpad board</td>
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<td>Battery</td>
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<td></td>
<td></td>
<td>Power connector cable</td>
</tr>
<tr>
<td>$0 / $26.00</td>
<td></td>
<td></td>
<td>Base enclosure</td>
</tr>
<tr>
<td>$0 / $30.00</td>
<td></td>
<td></td>
<td>Display panel (screen)**</td>
</tr>
<tr>
<td>$0 / $14.00</td>
<td></td>
<td></td>
<td>Display bezel (front cover)</td>
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<tr>
<td>$0 / $30.00</td>
<td></td>
<td></td>
<td>Display back cover</td>
</tr>
<tr>
<td>$0 / $16.00</td>
<td></td>
<td></td>
<td>Display Hinges</td>
</tr>
<tr>
<td>$0 / $12.00</td>
<td></td>
<td></td>
<td>Display video cable</td>
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<tr>
<td>$0 / $36.00</td>
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<td></td>
<td>Keyboard / top cover</td>
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<td>$0 / $43.00</td>
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<td></td>
<td>Wifi card</td>
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<td>$0 / $15.00</td>
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<td>Speaker kit</td>
</tr>
<tr>
<td>$25.00 / $25.00</td>
<td></td>
<td></td>
<td>AC Adapter</td>
</tr>
<tr>
<td>$0 / $29.00</td>
<td></td>
<td></td>
<td>Webcam</td>
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<tr>
<td>$0/ $17.00</td>
<td></td>
<td></td>
<td>Antenna Cable</td>
</tr>
<tr>
<td>$85.00</td>
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<td>System Board</td>
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* Not eligible to be paid with Tax Credit

Tax Credit may not be used to offset these fees as they are not extracurricular activity fees.

For example, if the additional course has extra-curricular activities, the fee is for the course not the activities.

**Display panel (screen) cost may vary depending on device type.
Frequently Asked Questions

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

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

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

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

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

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

- SkillsUSA: Technical, skilled, and service careers
- FCCLA: Family, Career, and Community Leaders of America
- HOSA: Future health Professionals
- C-CAP: Careers in Culinary Arts Program
- ERA: Educators Rising Arizona
- FBLA: Future Business Leader of America
When do students register?
Students are encouraged to apply for EVIT programs during the spring semester prior to classes that begin in August, but registration for classes is ongoing. EVIT registration opportunities are offered during regular high school registration, any time through the home high school at EVIT Locations or on EVIT.com. Each high school has at least one designated counselor with materials and information regarding EVIT registration. For more information, call 480-461-4000 or visit EVIT.com. **EVIT will be moving to an online only model this school year. Paper application will still be accepted but we encourage students to use our online portal. (available November 4, 2019)**

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

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

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

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

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

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

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Program Name</th>
<th>Main</th>
<th>East</th>
<th>A.J.</th>
<th>F.H.</th>
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<tbody>
<tr>
<td>DA10/20/30</td>
<td>3D Animation</td>
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<td>CS14/24</td>
<td>Aesthetics</td>
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<td>AM10/20/30/35</td>
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<td>AV05/10/20/30</td>
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<tr>
<td>CS15/25/35</td>
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<tr>
<td>MC65/66</td>
<td>Behavior, Mental and Social Health Services</td>
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<tr>
<td>IT12/20/22/23</td>
<td>Networking / Cyber Security*</td>
<td>X</td>
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<tr>
<td>IT13/40/45</td>
<td>Coding and Mobile App Design</td>
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<td>AB10/20/30/35</td>
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<td>CU20/25/26</td>
<td>Commercial Baking and Pastry Arts</td>
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<td>CT10/20/25</td>
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<td>CU10/20/25</td>
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<td>Fashion Design and Merchandising</td>
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<td>FF10/20/21/22/25</td>
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<td>Future Engineers</td>
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<td>Home Health Aide*</td>
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<td>MM02</td>
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<td>MC45/46</td>
<td>Physical Therapy Technician*</td>
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<td>RB10/20/30</td>
<td>Radio/Audio Production</td>
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<tr>
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<td>Veterinary Assistant*</td>
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*These are second-year courses. Please see pre-requisites.*
EVIT Registration and Counseling Department

Registrar - Andrea Macias
Main Campus: 480-461-4109 amacias@evit.com
High School & Adult
Course Scheduling, Grades, Transcripts, Data Collection & Management, Bi-Lingual Services

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

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

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

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

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

EVIT Recruitment Team

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

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

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

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

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

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

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

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

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

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

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

Walk-In Registration

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

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

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

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

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

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

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

Pre-Requisites:  WD10

WD25  Welding III  2 Semesters

Pre-Requisites:  WD10, WD20
COMMUNICATION MEDIA TECHNOLOGIES

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

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

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

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

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

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

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

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

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

Pre-Requisites:  
MM02

Graphic/Web Design

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

Please note: Dual enrollment for college credits is available.

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

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

Please note: Dual enrollment for college credits is available.

Pre-Requisites:  
MM30
MM40  Graphic/Web Design III  2 Semesters

This program will build the students intermediate and professional skills in the visual communication and media marketing industries. Through a hands on approach and real world client based projects, students will be working on advanced assignments, client projects and industry techniques. As well as, using conceptualization, time management and various industry standards to strengthen their knowledge for the industry workplace. Students will use their prior knowledge from Multimedia to develop and create super compositions that are ready for the final stage of presentation via critiques and client review.

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

Radio/Audio Production

RB10  Radio/Audio Production I  1 Semester

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

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

RB20  Radio/Audio Production II  1 Semester

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

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

RB30  Radio/Audio Production III  2 Semesters

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

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

**TV10  Video Production I  1 Semester**

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

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

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

**TV20  Video Production II  1 Semester**

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

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

**Pre-Requisites:**  
TV10

**TV30  Video Production III  2 Semesters**

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

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

**Pre-Requisites:**  
TV10 & TV20

**EDUCATION AND TRAINING**

**Early Childhood Education**

**CC10  Early Childhood Education I  1 Semester**

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

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

**Pre-Requisites:**  
At least 6 high school credits, including Pre-Algebra: ‘C’ or better and English: ‘B’ or better  
2.0 GPA or equivalent standardized test scores  
Negative Tuberculosis test (all students tested in class in August)  
No criminal record (Arizona State Law requires students to sign a criminal history verification form)

**CC20  Early Childhood Education II  1 Semester**

Students continue advanced studies in child psychology & development. They continue to learn how to create developmentally appropriate lesson plans, classroom management & discipline techniques. Students will continue to receive hands-on experience working with our on-site school and surrounding head start programs.

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

**Pre-Requisites:**  
CS10
CC25  Early Childhood Education III  2 Semesters

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

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

ENGINEERING SCIENCES

Future Engineers

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

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

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

Machining Technology

MT10  Machining Technology I  1 Semester
The Precision Machining program is designed to introduce students to basic precision manufacturing and advanced machining principles and technical skills. Upon program completion students will be prepared in the following instructional areas: manufacturing systems, production planning, information systems, quality control, documentation, technical problem solving, management, predictive/preventive maintenance, and automated manufacturing. Students will have the opportunity to earn industry-recognized certifications such as NCCER Level 1 and MSSC Level 1 which can lead to the Certified Production Technician (CPT) certification, NIMS Level 1 certification, or ASQ quality certification. The program is comprised of two core courses and a specific course in Computer Numeric Control (CNC) Precision Machining. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA.
Pre-Requisites:  At least 6 high school credits, including 1 Math credit ‘C’ or better
2.0 GPA or equivalent standardized test scores
MT20/30  Machining Technology II  1 Semester
(2 quarters: Q3/Q4)

Advanced studies in precision manufacturing and advanced machining principles and technical skills. Completion of level 1 NIMS certifications in manual milling, manual Lathe operations, and Safety, maintenance and materials

Pre-Requisites: MT10

MT35  Machining Technology III  2 Semesters

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

Pre-Requisites: MT30

Banking and Financial Services

BK10  Banking and Financial Services I  1 Semester

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

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

BK20  Banking and Financial Services II  1 Semester

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

Pre-Requisites: Successful completion of BK10

Networking Academy & Cyber Security

IT12  Introduction to Networking & Cyber Security  1 Semester

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

Please note: 8 Dual Enrollment for college credits is available

Pre-Requisites: At least 6 high school credits, including 1 Math & 1 English credit: all 'C' or better
2.0 GPA or equivalent standardized test scores
IT20 Networking Academy & Cyber Security 1 Semester

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

Please note: 8 Dual Enrollment for college credits is available

Pre-Requisites: IT12

IT22 Cyber Security I 1 Semester

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

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

Please note: Dual Enrollment for college credits is available

Pre-Requisites: IT20 or networking course from home school (or instructor approval)

IT23 Cyber Security II 1 Semester

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

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

Pre-Requisites: IT22
Coding and Mobile Application Design

**IT13 Introduction to Computer Programing and Coding**  1 Semester

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

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

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

**IT40 Computer Program Coding and Mobile Application Design I**  1 Semester

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

**Pre-Requisites:** IT13

**IT45 Computer Program Coding and Mobile Application Design II**  2 Semesters

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

**Pre-Requisites:** IT40

Digital Device Diagnostic and Repair

**IT11 Introduction to Digital Device Diagnostic and Repair**  1 Semester

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

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math & 1 English credit: all ‘C’ or better 2.0 GPA or equivalent standardized test scores
IT30  Digital Device Diagnostic and Repair I  1 Semester

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

Please note: Dual Enrollment for college credits is available.
Pre-Requisites: IT11

IT35  Digital Device Diagnostic and Repair II  2 Semesters

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

Please note: Dual Enrollment for college credits is available.
Pre-Requisites: IT30

FAMILY AND CONSUMER SCIENCES

Commercial Baking and Pastry Arts

CU20  Commercial Baking and Pastry Arts I  1 Semester

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

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

CU25  Commercial Baking and Pastry Arts II  1 Semester

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

Pre-Requisites: CU20

CU26  Commercial Baking and Pastry Arts III  2 Semesters

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

Pre-Requisites: CU25
FAMILY AND CONSUMER SCIENCES

Culinary Arts

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

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

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

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

Pre-Requisites: CU10

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

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

Pre-Requisites: CU15

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

Fashion Design and Merchandising

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

Please note: Dual Enrollment for college credits is available.

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

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

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: FIT11

FIT 25 Fashion Design and Merchandising III 2 Semesters
Fashion III will incorporate the 1st year knowledge into the advanced program and gain knowledge in personal styling, clothing construction, and inspirational design concepts. In this program students will also be able to coordinate fashion shows, fashion photo shoots, and fashion journalism. Students will prepare for FCCLA Spring Competition.

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

Please note: Dual Enrollment for college credits is available.

Pre-Requisites: FIT13
**Hospitality Management**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Duration</th>
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<tbody>
<tr>
<td>HM10</td>
<td>Hospitality Management I</td>
<td>1 Semester</td>
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<tr>
<td>HM20</td>
<td>Hospitality Management II</td>
<td>1 Semester</td>
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Students will learn the principles of operations in the travel and tourism industries, hotel and lodging facilities, food services, recreation, hospitality planning and business operations.

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

**Pre-Requisites:**
- HM10

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

**Interior Design and Merchandising**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Duration</th>
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<tbody>
<tr>
<td>FIT12</td>
<td>Interior Design and Merchandising I</td>
<td>1 Semester</td>
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<tr>
<td>FIT14</td>
<td>Interior Design and Merchandising II</td>
<td>1 Semester</td>
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<tr>
<td>FIT35</td>
<td>Interior Design and Merchandising III</td>
<td>2 Semesters</td>
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</tbody>
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**FIT12 Interior Design and Merchandising I**
This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Interior Design and Merchandising I course will introduce students to the various careers available in the interior design industry. Students will have opportunity to meet current interior designers in order to gain insight into their profession. The course will provide a foundation of fundamentals required for interior design including color theory and design, the elements and principals of design, textile science, textile design, as well as the history of architecture. Students will learn basic floor space planning, elevations, and measurements in interior design and practice presenting their projects in class to develop good communication skills.

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

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

**FIT14 Interior Design and Merchandising II**
Interior Design and Merchandising II continues to provide fundamentals with advanced training in color theory, critical thinking in design, advanced floor space planning and 3D model construction. Students will learn such as business and merchandising in the interior industry. Students may have the opportunity to compete in FCCLA Spring Conference.

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

**Pre-Requisites:**
FIT12

**FIT35 Interior Design and Merchandising III**
Interior Design and Merchandising III course will provide a practice of the fundamentals learned during the first year. Students will learn how to design and layout larger visual interior presentations combining floor plans, elevations and furnishings selections. As they develop presentations, students will study lighting, flooring materials, window treatments and other furnishings. Students will develop a budget and learn how to create an invoice. These students will also be trained on the 3D Chief Architect program in order to prepare for certification. Students will compete in the FCCLA Spring Conference for interior design. Students may also have opportunities to job shadow or participate in an internship in an interior related business. Students will also develop a portfolio of their work from the program and will interview and present this to industry professionals during the Annual FIT Career Day.

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

**Pre-Requisites:**
FIT14
Aesthetics

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

Please note: Students attend class four (4) hours each day and may be required to provide their own transportation. Class times 7:00 AM – 11:00 AM or 12:00 PM – 4:00 PM

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

Barbering

Introduction to Barbering is a two year, four credit course of four hours per day that provides students with a study of concepts related to the Barbering profession. Specific topics include Barbering history and opportunities, professional image, infection control, and basic fundamentals and principles of hair care and design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic Barbering procedures. Introduction to Barbering is the prerequisite to Chemical Services, Hair Coloring, Salon Practices and Management, and State Board Practicum. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

Please note: Students attend class four (4) hours each day and may be required to provide their own transportation. Requirements: Proof of age. Social security card or waiver. Signed statement of understanding of program requirements. Class is four-hour day, Monday through Friday and requires a total of 1500 hours to complete the program and test for state license.

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

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

Pre-Requisites: CS15

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

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

Pre-Requisites: CS25
Cosmetology

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

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

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

Behavioral, Mental & Social Health Services

MC65 Behavioral, Mental & Social Health Services I 1 Semester
This course will prepare students for a career in behavioral and/or social health as a behavioral or mental health technician/specialist. This training can lead to job opportunities as a case manager, parent aide, family advocate, respite worker or paraprofessional counselor. Mental health technicians may work as part of a team. There are job opportunities in public and private hospitals, treatment centers, clinics, assisted living facilities, schools and more. Duties may include coordinating mental health services, client interviews, documentation, group activities, maintaining client safety as well as helping clients with their personal needs. Will work with clients to promote dignity, independence, individuality, strengths, privacy and choice. During the first semester students will learn about foundations in past & present mental health care and treatment, building client rapport, communication, documentation, cultural diversity, therapeutic skills for technicians, and ethics & legal issues. Students will be required to participate in externships in the community.

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

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

MC66 Behavioral, Mental & Social Health Services II 1 Semester
This course will build on knowledge students gained MC65. In MC66 students learn about chronic mental health disorders, crisis intervention/de-escalation techniques, psychotherapeutic drugs, alternative/complementary therapies, autism, dementia and resilience. Students will have the opportunity to earn certificates in Article 9 Training, ASIST Training and Psychological First Aid. Students will be required to participate in externships in the community.

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

Pre-Requisites: MC65
**Dental**

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

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

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

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

**MC60  Dental Assisting I  1 Semester**

Prepare for a dental career by learning about dental office operations such as instrument recognition and sterilization, radiography and laboratory processes, preparing patients for examinations and assisting with operational procedures. First semester, students concentrate on classroom learning, hands-on skills practice and x-ray certification. During the second semester, skills and experience are gained through internships at local dental offices. Students are required to complete a 100-hour internship. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to job shadowing or internship sites. Participation in the Health Occupations Student Organization (HOSA) is a requirement of the course.

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

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

**MC61  Dental Assisting II  1 Semester**

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

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

Pre-Requisites: MC60

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**Emergency Medical Technician**

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

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

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

Pre-Requisites:  
- At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better  
- Biology (may be taken concurrently)  
- 2.0 GPA or equivalent standardized test scores
MC55 Emergency Medical Technician I 1 Semester

People’s lives often depend on the quick response and competent care of Emergency Medical Technicians (EMTs). Learn to recognize the signs and symptoms of illness and injury, assess and treat patients, administer oxygen and provide basic medical care. Training consists of coursework and hands-on experience designed to prepare students to administer immediate care, stabilization and immobilization of victims in emergency situations. The first semester will cover mostly medical emergencies. **Please note:** Students must be 18 years old by November 1 following course completion and a U.S. Citizen or legal resident to take certification exam. DHS requires that students receive course completion certificates within six months of the course. Students are able to complete testing, but they cannot be certified in Arizona until they are 18. EVIT completers who receive an EMT card may receive college credit by evaluation for EMT101 and/or EMT 104. Students will be randomly drug tested.

Pre-Requisites:

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

MC56 Emergency Medical Technician II 1 Semester

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

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

Pre-Requisites: MC55

**Home Health Aide**

MC10 Anatomy and Physiology for Medical Careers 2 Semesters

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

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

Pre-Requisites:

- At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better
- Biology (may be taken concurrently)
- 2.0 GPA or equivalent standardized test scores
MC77  Home Health Aide I  1 Semester
Home Health Aides, also known as Direct Care Workers (DCW), Personal Care Assistants, Caregivers, or Personal Care Aides, are a valuable part of the health care team. Home Health Aides care for people of all ages who are ill, injured or physically or mentally disabled. Home Health Aides assist clients with self-care activities such as eating, dressing, bathing and grooming needs. Home Health Aides may also help with home management activities such as meal preparation, light house cleaning or laundry.
Pre-Requisites:  
Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology  
On track to graduate or a plan for graduation  
2.0 GPA or equivalent standardized test scores

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

Students who complete this program are eligible to take the Arizona Standardized DCW Test to demonstrate that they have the required knowledge and skills to be a qualified DCW.
Pre-Requisites:  
MC77

Medical Assisting

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

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

MC20 or 22  Medical Assistant I  1 Semester
Medical Assistants are educated and trained to perform administrative and clinical skills in a variety of settings, including doctors’ offices, hospitals and clinics. Learn medical terminology, body systems, EKG, phlebotomy, autoclave, CPR and first aid, OSHA safety standards and other medical specialties. Gain an understanding of office procedures such as patient billing, medical records, purchasing and filing of insurance claims. Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability. Student must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG. Students have the option of first completing Human Anatomy and Physiology for Medical Careers (MC10) and then taking the 2.5-hours-per-day Medical Assistant course to complete the program in two years OR the four-hours-per-day one-year Medical Assistant program (MC22/23). Please state which option the student is choosing on the application.

Please note: Students will be randomly drug tested.
Pre-Requisites:  
2 Math credits and 2 English credits: all ‘C’ or better  
No criminal record  
Biology (may be taken concurrently) EVIT’s MC10 for those entering the 2.5-hours-per-day program.  
2.0 GPA or equivalent standardized test scores
MC21 or 23 Medical Assistant II 1 Semester

Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG

Pre-Requisites: MC20

Nursing Assistant

MC10 Anatomy and Physiology for Medical Careers 2 Semesters

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

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

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

MC30 Nursing Assistant I 1 Semester

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

Please note: Students will be randomly drug tested.

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

- No criminal record
- 2.5 GPA or equivalent standardized test scores

MC31 Nursing Assistant II 1 Semester

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

Pre-Requisites: MC30

Occupational Therapy Aide

MC10 Anatomy and Physiology for Medical Careers 2 Semesters

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

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

Pre-Requisites:
- At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better
- Biology (may be taken concurrently)
- 2.0 GPA or equivalent standardized test scores
MC57  Occupational Therapy Aide I  1 Semester
Occupational therapists help people with physical or mental disabilities gain the skills they need to be as independent as possible. In this class you will explore the dynamic history and philosophy of occupational therapy, understand the difference between occupational therapists, occupational therapy assistants, and occupational therapy aides. Students will experience hands on learning of job skills needed to gain employment as an occupational therapy aide, rehabilitation provider.

Please note: Students will be randomly drug tested.

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

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

Pre-Requisites:  MC57

Pharmacy Technician

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

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

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

MC43  Pharmacy Technician I  1 Semester
Pharmacy technicians help licensed pharmacists prepare prescription medications, provide customer service and perform administrative duties. The first semester concentrates on basic health care concepts such as medical terminology, safety, customer service, problem solving and CPR. Students learn occupation specific skills during the second semester. This rigorous academic course requires a high level of independent study while learning procedures for receiving prescription requests, counting tablets and labeling bottles, along with administrative functions such as answering phones and stocking shelves. Students must be 18 years of age to job shadow in a pharmacy. Job shadowing requires reliable transportation and is the sole responsibility of the student.

Please note: Students will be randomly drug tested.

Pre-Requisites:  Seniors Only who have taken EVIT’s MC10 or taken at least 1 credit of Biology or Anatomy & Physiology: ‘C’ or better
Juniors who have taken MC10 as Sophomores: ‘C’ or better
1 Math and 1 English credit: both ‘C’ or better
2.5 GPA or equivalent standardized test scores
MC63  Pharmacy Technician II  1 Semester
The spring semester continues learning the procedures of being a pharmacy technician. Students must be 18 years of age to job shadow in a pharmacy. Job shadowing requires reliable transportation and is the sole responsibility of the student.
Pre-Requisites:  MC43

Physical Therapy Technician

MC10  Anatomy and Physiology for Medical Careers  2 Semesters
This course is designed for students interested in any health-related field and is required for students interested in advanced training in many second-year medical programs at EVIT (see pre-requisites for other programs). Study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. Students participate in HOSA, a student organization that promotes career opportunities in the health care industry and enhances the delivery of quality health care to all people.
Please note: History of drug abuse may limit career opportunities. This course has been approved as a lab science credit worthy course by the Arizona Department of Education, please check with your district to verify they approve this course as a lab science towards graduation. Dual enrollment credit may be available.
Pre-Requisites:  At least 6 high school credits, including 1 Math credit and 1 English credit: both ‘C’ or better
Biology (may be taken concurrently)
2.0 GPA or equivalent standardized test scores

MC45  Physical Therapy Technician I  1 Semester
Physical therapist technicians and chiropractic assistants help doctors in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites. This program is approved by the State Board of Chiropractic Examiners to train Chiropractic Assistants.
Please note: Students will be randomly drug tested.
Pre-Requisites:  Seniors only who have taken EVIT’s MC10 or taken at least 1 credit of Anatomy & Physiology: ‘C’ or better; or 1 credit of Sports Medicine
1 Math and 1 English credit: both ‘C’ or better
2.5 GPA or equivalent standardized test scores

MC46  Physical Therapy Technician II  1 Semester
Physical therapist technicians and chiropractic assistants help doctors in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites. This program is approved by the State Board of Chiropractic Examiners to train Chiropractic Assistants.
Please note: Students will be randomly drug tested.
Pre-Requisites:  MC45
Massage Therapy

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

_Please note: Students may be randomly drug tested._

Pre-Requisites:
- 2 English credits and Biology with a "C" or better
- No criminal record
- 2.0 GPA or equivalent standardized test scores

MA10 or MA22  Massage Therapy II  1 Semester
Second semester is a continuation of anatomy and physiology along with an introduction to the public clinic. More emphasis is placed on hands-on training.

_Please note: Students may be randomly drug tested._

Pre-Requisites: MA05

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

_Please note: Students may be randomly drug tested._

Pre-Requisites: MA06

Veterinary Assistant

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

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

Pre-Requisites:
- At least 6 high school credits, including 1 Math credit and 1 English & Biology credit: both 'C' or better
- 2.5 GPA or equivalent standardized test scores
MC44  Veterinary Assisting I  1 Semester
Veterinary Assisting I, is a continuation of the MC 10 Anatomy and Physiology for Medical Careers (Veterinary Focus) course. Students will apply and build upon knowledge learned in the MC 10 with Veterinary Assistant course. Students will study advanced examination and clinical procedures, advanced veterinary assisting skills and procedures, veterinary laboratory procedures, veterinary surgical preparation and assisting, radiology and veterinary imaging skills, and veterinary pharmacy and pharmacology. This program is approved by the National Association of Veterinary Technicians in America (NAVTA). Student are eligible to sit for the Approved Veterinary Assistant examination upon completion of the two-year program.

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

Dual Enrollment for college credits is available.

Pre-Requisites:  
MC14 (Vet) at EVIT

MC64  Veterinary Assisting II  1 Semester
In this course students prepare for their Approved Veterinary Assistant certification by completing a 140 hour externship of hands-on training in a veterinary or animal-related industry. Externships are designed to prepare veterinary assistant students for high-quality service in practice, advanced specialty training, or other related field. Externs will primarily learn about and perform various animal husbandry and medical duties alongside staff while gaining valuable experience and knowledge. This program is approved by the National Association of Veterinary Technicians in America (NAVTA). Student are eligible to sit for the Approved Veterinary Assistant examination upon completion of this course.

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

Dual Enrollment for college credits is available.

Pre-Requisites:  
MC44

INDUSTRIAL TECHNOLOGIES

Construction Technologies

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

Pre-Requisites:  
At least 6 high school credits, including 1 Math credit  
2.0 GPA or equivalent standardized test scores
CT20  Construction II  1 Semester
Building off of Semester I students will cover framing basics and the procedures for laying out and constructing a wood floor using common lumber, as well as engineered building materials. Learn how to describe types of roofs and provides instructions for laying out rafters for gable roofs, hip roofs, and valley intersections and techniques for measuring and calculating rise, run, and stairwell openings, laying out stringers, and fabricating basic stairways. Students will learn the procedures for laying out and framing walls, including roughing-in door and window openings, constructing corners, partition Ts, and bracing walls. Includes the procedure to estimate the materials required to frame walls, how to properly prepare the roof deck and install roofing for residential and commercial buildings, and be introduced to construction equipment, including the aerial lift, skid steer loader, electric power generator, compressor, compactor, and forklift. Students will learn how DWV systems remove waste safely and effectively. Discussing how system components, such as pipe, drains, traps, and vents work. Reviewing drain and vent sizing, grade, and waste treatment, and discussing how building sewers and sewer drains connect the DWV system to the public sewer system. Students are introduced to different types of plastic pipe and fittings used in plumbing applications, including ABS, PVC, CPVC, PE, PEX, and PB, also explaining the proper methods for cutting, joining, and installing all piping systems. Addressing insulation, pressure testing, seismic codes, and handling and storage requirements of plastic and copper pipes.

Pre-Requisites:  CT10

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

Pre-Requisites:  CT20
Heating, Ventilation and Air Conditioning (HVAC)

AC10  Heating, Ventilation and Air Conditioning (HVAC) I  1 Semester
Introduction to HVAC covering the basic principles of heating, ventilating, and air conditioning, career opportunities in HVAC, and how apprenticeship programs are constructed, as well as trade licensure and EPA guidelines, are also introduced. Mathematics trade related problems involving the measurement of lines, area, volume, weights, angles, pressure, vacuum, and temperature, including a review of scientific notation, basic laws of matter, basic laws of thermodynamics, powers, roots, and basic algebra and geometry. Introduction to the concept of power generation and distribution, common electrical components, AC and DC circuits, and electrical safety as it relates to the HVAC field, introduction to reading and interpreting wiring diagrams, understanding the fundamentals of heating systems and the combustion process. Students will learn the different types and designs of gas furnaces and their components, as well as basic procedures for their installation and service. Learning the fundamental operating concepts of the refrigeration cycle and identifying both primary and secondary components found in typical HVAC/R systems. Also introduces common refrigerants. Learn how to describe the factors related to air movement and its measurement in common air distribution systems and the required mechanical equipment and materials used to create air distribution systems. Students will be introduced to basic system design principles for both hot and cold climates, how to identify types of copper tubing and fittings used in the HVAC/R industry and how they are mechanically joined. Also learn the identification and application of various types of plastic piping, along with their common assembly and installation practices, equipment, techniques, and materials used to safely join copper tubing through both soldering and brazing. Covering the required personal protective equipment, preparation, and work processes in detail. Also provides the procedures for brazing copper to dissimilar materials.

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

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

Pre-Requisites:  AC10

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

Plumbing

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

Pre-Requisites:
1. Math and 1 English credit: both ‘C’ or better
2. 2.0 GPA or equivalent standardized test scores

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

Pre-Requisites:  PLB10

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

Pre-Requisites:  PLB20

PUBLIC SERVICE CAREERS

Criminal Justice

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

Please note: Dual Enrollment for college credit is available.

Pre-Requisites:
1. At least 6 high school credits, including 1 Math credit and 1 English credit: ‘C’ or better
2. No criminal history
3. 2.0 GPA or equivalent standardized test scores
LE20  Criminal Justice II  1 Semester
Training includes advanced study in crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills. Which will help students entering a career in the criminal justice system. Such as, law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, a college degree, or employment with criminal justice system. Students who reach age of 18 before completing the program may earn their Arizona Security Guard Card, allowing them to work in the field upon completion.

Please note: Dual Enrollment for college credit is available.
Pre-Requisites:  LE10

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

Please note: Dual Enrollment for college credit is available.
Pre-Requisites:  LE20

Fire Science

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

Please note: Dual enrollment for college credits is available.
Pre-Requisites:  2.0 GPA or equivalent standardized test scores

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

Please note: Dual enrollment for college credits is available.
Pre-Requisites:  FF10 or instructor approval

FF25  Fire Science III  2 Semesters
The advanced fire science course is a yearlong course designed to build upon the skills learned in fire science I & II. The students will learn about emergency vehicle operations; driving and operating the fire apparatus. The students will also learn hydraulic theory, hazardous materials response and place into practice what they learn by operating pumps, developing water supply, fire attack streams for firefighting operations and hazmat response scenarios. Students will complete a wildland firefighter training course and test for their national certification as a wildland firefighter S-130, S-190. FF 25 also covers aircraft rescue firefighting (ARFF), auto extrication and advanced search and rescue. Students will also take the emergency medical technician course, which includes an on-site hospital clinical session and will test for their national certification as an EMT. (NREMT). Students will also learn employability skills for job interviews and applications. *Students will participate in a live burn scenario day at a city fire department training facility. *

Please note: Dual enrollment for college credits is available. Drug Testing will be required at some point during course. Students that fail will be removed from FF21 and repeat FF10/20.
Pre-Requisites:  2.0 GPA or equivalent standardized test scores **Human Anatomy & Physiology** highly recommended to take concurrently**
Automotive Technologies

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

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

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

Please note: Dual Enrollment for college credit is available.
Pre-Requisites: AM10

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

Please note: Dual Enrollment for college credit is available.
Pre-Requisites: AM30

Aviation Transportation

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

Please note: Dual enrollment credit may be available. Please note: History of drug abuse may limit aviation career opportunities.
Pre-Requisites: At least 6 high school credits, including Algebra with a “B” or better
2.5 GPA or equivalent standardized test scores
AV10/AV20  Advanced Aviation I/II  1 Semester

(2 quarters: Q3/Q4)

This course in a continuation of AV05. This semester centers more on airport operations, the air traffic control field and pilot ground school subjects. They will learn about aviation related weather, aeronautical decision making skills (ADM), basic aviation physiology, aerospace navigation systems, and flight planning skills. Students that are planning to begin flight training in the second year are highly encouraged to obtain an FAA medical certificate by the end of the first semester. This also includes the completion of the FAA written private pilot (or drone operator) exam. Those planning to pursue an internship must complete an interview and acceptance from the employer.

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

Pre-Requisites:  AV05

AV35  Advanced Aviation III  1 Semester

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

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

Pre-Requisites:  AV20

Collision Repair

AB10  Collision Repair I  1 Semester

Students will learn the collision repair business from A-Z in Arizona's first National Automotive Technicians Education Foundation (NATEF) certified collision program. You'll learn damage diagnosis (estimating), repair, Paint prep and refinish techniques with paint mixing and matching and blending procedures.

Pre-Requisites:  At least 6 high school credits
2.0 GPA or equivalent standardized test scores

AB20/AB30  Collision Repair II/III  1 Semester

(2 quarters: Q3/Q4)

Students receive I-CAR training and influence from ASE (Automotive Service Excellence) and are prepared for entry level jobs such as body or paint technician, parts procurement, production manager, insurance estimator or adjuster, paint or tool salesperson, and many other related career opportunities. Students will be introduced to aluminum repair and welding, steering and suspension systems, wheel alignment, dimensioning procedures for analyzing structural damage, adhesive bonding, anchoring procedures, structural dimensioning using mechanical and computer measuring systems, stationary glass replacement, welded panel replacement procedures including resistance spot welding and unibody sectioning. Safe and proper use of tools and equipment are covered in each area.

Pre-Requisites:  AB10

AB35  Collision Repair III/IV  2 Semesters

Students will continue their advanced studies in the collision repair business in Arizona's first National Automotive Technicians Education Foundation (NATEF) certified collision program. Advanced techniques in damage diagnosis (estimating), repair, Paint prep and refinish techniques with paint mixing and matching and blending procedures. Students will also learn advanced single stage and 2 stage paint application, mixing paint on a computerized scale, ordering materials, removal and application of stripes and decals, color matching and blending, identifying and refinishing different types of plastics and application of special OEM coatings.

Pre-Requisites:  AB30
Diesel Technologies

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

Please Note:  Dual Enrollment for community college is available.

Pre-Requisites:  Juniors and Seniors only
At least 1 English credit and Pre-Algebra: ‘C’ or better
2.0 GPA or equivalent standardized test scores
Recommended: Prior knowledge/experience with basic automotive repair

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

Please Note:  Dual Enrollment for community college is available.

Pre-Requisites:  AM63

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

Please Note:  Dual Enrollment for community college is available.

Pre-Requisites:  AM69

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