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**EXCELLENCE**  
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**LEARNER**

**GILBERT**  
PUBLIC SCHOOLS

# HIGH SCHOOL

*Course Description Book*

**2024-2025**





# Gilbert Public Schools

## 2024-2025 Course Description Catalog

Grades 9-12

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## TABLE OF CONTENTS

<b>Public Notice of Nondiscrimination</b>	<b>5</b>
<b>GRADUATION REQUIREMENTS</b>	<b>6</b>
GILBERT PUBLIC SCHOOLS RECOMMENDED PATHWAY	6
MINIMUM GRADUATION REQUIREMENTS	7
NATIONAL COLLEGIATE ATHLETIC ASSOCIATION – NCAA	8
STATE MANDATED ASSESSMENTS	8
DISTRICT MANDATED FINAL EXAMS	8
VALEDICTORIAN/SALUTATORIAN SELECTION	8
EARLY GRADUATION	9
GRADUATION DEFICIENCIES	9
SCHOLARSHIPS AND FINANCIAL AID	9
CREDIT CROSS-REFERENCE CHART	9
<b>ADDITIONAL DIPLOMA DESIGNATIONS</b>	<b>10</b>
ADVANCED PLACEMENT CAPSTONE DIPLOMA	10
INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAMME	10
ARIZONA SEAL OF ARTS PROFICIENCY	10
ARIZONA SEAL OF BILITERACY	10
ARIZONA SEAL OF CIVICS LITERACY	10
ARIZONA SEAL OF PERSONAL FINANCE	10
<b>CAREER PATHWAYS</b>	<b>11</b>
<b>ENROLLMENT IN ADVANCED CLASSES</b>	<b>12</b>
HONORS	12
ADVANCED PLACEMENT	12
DUAL ENROLLMENT	13
COLLABORATIVE CREDIT	14
<b>GRADING PRACTICES &amp; BELIEFS</b>	<b>15</b>
WEIGHTED COURSES	15
ALTERNATIVE GRADE OPTION: SATISFACTORY/UNSATISFACTORY (S/U)	15
ALTERNATIVE GRADE OPTION: PASS/FAIL (P/F)	15
GILBERT GOLDEN SCHOLARS	16
<b>GENERAL INFORMATION</b>	<b>16</b>
COLLEGE AND CAREER RESOURCES	16
EAST VALLEY INSTITUTE OF TECHNOLOGY (EVIT)	16
ENROLLMENT REQUIREMENTS	16
SCHEDULE CHANGE PROCESS	16
TRANSFER STUDENTS	16
TRANSPORTATION BETWEEN SCHOOLS WITHIN THE SCHOOL DAY	17
FEES/EXPENSES	17
<b>AGRICULTURE EDUCATION</b>	<b>18</b>

<b>AEROSPACE SCIENCE AND LEADERSHIP</b>	<b>20</b>
<b>BIOMEDICAL EDUCATION</b>	<b>22</b>
<b>BUSINESS AND TECHNOLOGY</b>	<b>24</b>
<b>FAMILY AND CONSUMER SCIENCES</b>	<b>31</b>
<b>INDUSTRIAL EDUCATION</b>	<b>35</b>
<b>TECHNICAL THEATRE</b>	<b>38</b>
<b>CTE INTERNSHIP</b>	<b>39</b>
<b>ENGLISH LANGUAGE ARTS</b>	<b>40</b>
<b>ENGLISH LANGUAGE LEARNERS</b>	<b>44</b>
<b>FINE ARTS-PERFORMING</b>	<b>45</b>
<b>FINE ARTS-VISUAL</b>	<b>50</b>
<b>HISTORY AND SOCIAL SCIENCES</b>	<b>53</b>
<b>MATHEMATICS</b>	<b>58</b>
<b>PHYSICAL EDUCATION</b>	<b>63</b>
<b>SCIENCE</b>	<b>67</b>
<b>WORLD LANGUAGES</b>	<b>71</b>
<b>ADDITIONAL ELECTIVE COURSES</b>	<b>78</b>
<b>INTERNATIONAL BACCALAUREATE</b>	<b>86</b>
<b>APPROVED LITERATURE LIST</b>	<b>92</b>
<b>SUMMER READING</b>	<b>94</b>
<b>Gilbert Accelerated Middle School (GAMS)</b>	<b>94</b>
<b>Canyon Valley</b>	<b>95</b>
<b>Gilbert Classical Academy (GCA)</b>	<b>95</b>
<b>GPS Global Academy (GGA) Online Learning Opportunities</b>	<b>99</b>
<b>FEE SCHEDULE</b>	<b>104</b>
<b>East Valley Institute of Technology (EVIT)</b>	<b>110</b>

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

**Public Notice of Nondiscrimination**

Gilbert Unified School District does not discriminate on the basis of race, color, religion, national origin, ethnicity, sexual orientation, sex,(including pregnancy), gender identity, gender expression, age (over 40), 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 District provides equal access to the Boy Scouts and other designated youth groups pursuant to the Boy Scouts of America Equal Access Act. 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 Road, Gilbert, AZ 85296, or at the phone number or email listed below.

<p>As to issues regarding disability discrimination:</p> <p>Ms. Fran Grossenbacher          Director of Special Education          Section 504/ADA Coordinator          Phone: 480-497-3377  <a href="mailto:discrimination@gilbertschools.net">discrimination@gilbertschools.net</a></p>	<p>As to issues regarding Sexual Harassment:</p> <p>Dr. Danielle Fuchs          Title IX Coordinator          Phone: 480-545-2174  <a href="mailto:T9reports@gilbertschools.net">T9reports@gilbertschools.net</a></p>	<p>As to issues regarding any other type of discrimination:</p> <p>Dr. Jim Lockwood          Hearing &amp; Compliance Officer          Phone: 480-497-3421  <a href="mailto:discrimination@gilbertschools.net">discrimination@gilbertschools.net</a></p>
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**Aviso Público de No Discriminación**

El Distrito Escolar Unificado de Gilbert no discrimina por motivos de raza, color, religión, origen nacional, etnicidad, orientación sexual, sexo, (incluyendo embarazo), identidad de género, expresión de género, información genética age (mas de 40), 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. El Distrito brinda igualdad de acceso a los Boy Scouts y otros grupos juveniles designados de conformidad con la Ley de acceso equitativo de Boy Scouts of America. 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 peticiones 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.

<p>Para asuntos relacionados con la discriminación por discapacidad:</p> <p>Sra. Fran Grossenbacher          Director(a) de la Sección 504 de Educación Especial/Coordinador(a) de ADA          Teléfono: 480-497-3377  <a href="mailto:discrimination@gilbertschools.net">discrimination@gilbertschools.net</a></p>	<p>Para asuntos relacionados con acoso sexual:</p> <p>Dra. Danielle Fuchs          Coordinadora de Título IX          Teléfono: 480-545-2174  <a href="mailto:T9reports@gilbertschools.net">T9reports@gilbertschools.net</a></p>	<p>Para asuntos relacionados a cualquier otro tipo de discriminación:</p> <p>Dr. Jim Lockwood          Oficial de Cumplimiento y Audiencia          Teléfono: 480-497-3421  <a href="mailto:discrimination@gilbertschools.net">discrimination@gilbertschools.net</a></p>
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The purpose of this course catalog is to assist students and their families to plan and meet academic and career goals. All Gilbert Public School 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 a student's current plan of coursework, career aspirations, and extended learning opportunities. The ECAP helps students to personalize their education and enables them to maximize the opportunities available upon high school graduation. All students will meet with their school counselor to devise a four-year plan during their freshman year.

## GRADUATION REQUIREMENTS

### **GILBERT PUBLIC SCHOOLS RECOMMENDED PATHWAY**

Gilbert Public Schools is committed to provide students with a comprehensive, world-class education that prepares students for post-secondary education and career. To that end, we will guide students to earn the following set of credits to meet the Arizona University Entrance Requirements.

Arizona Board of Regents requires the following approved 16 credits for most Arizona University Entrance- English: 4, Math: 4, Science: 3, Social Studies: 2, World Languages: 2, Fine or Practical Arts (CTE): 1, and a grade point average of 3.0+.

\*Refer to back of book for graduation requirements specific to Gilbert Classical Academy.

<b>Curriculum Area</b>	<b><u>GILBERT PUBLIC SCHOOLS RECOMMENDED PATHWAY</u> (meets the Arizona Board of Regents Requirements)</b>
English	4 credits Refer to course description for courses that meet this university entrance requirement.
Math	4 credits Refer to course description for courses that meet this university entrance requirement.
Science	3 Lab Science credits Must include at least 1 credit in 3 different laboratory sciences selected from the following: biology, chemistry, physics.
History and Social Sciences	3 credits Refer to course description for courses that meet this university entrance requirement.
Physical Education	1 credit
CTE/Fine Arts	2 CTE or Fine Arts credits Students must complete one credit of Fine Arts from the following areas: music, art, theater, or dance, <b>OR</b> one full year credit of CTE from the same program area. Refer to course description for courses that meet this university entrance requirement.
Electives	3 credits
World Languages	2 credits Students must complete two years of the same language.
<b>Total Credits Required</b>	<b>22 credits (includes all Arizona Board of Regents requirements)</b>
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.	

## **MINIMUM GRADUATION REQUIREMENTS**

In alignment with the state of Arizona, Gilbert Public Schools will use the following minimum number of credits for students to receive a high school diploma. These credits, however, may not be sufficient for enrollment into a state of Arizona university. Students are required to earn no less than **22 credits** in the following subject areas:

<b>Curriculum Area</b>	<b>Gilbert Public Schools Minimum Graduation Requirements</b>
English	4 credits
Math	4 credits
Science	3 credits (must include Biology)
History and Social Sciences	3 credits
Physical Education	1 credit
CTE/Fine Arts	2 credits
Electives	5 credits
World Languages	0 credits
<b>Total Credits Required</b>	<b>*22 credits</b>
<i>Students must obtain a passing score on the American Civics Act Exam to graduate.</i>	

- **English (4 credits)** – This requirement will be met by completing one credit each of English I, English II, English III, and English IV. AP Seminar, AP English Language Composition, AP English Literature Composition, English 101/102, may also be used to satisfy the requirement for English II, III and/ or IV. Please refer to specific course description details.
- **History and Social Sciences (3 credits)** – This requirement will be met by completing one credit of World History and Geography, one credit of American/Arizona History, one-half credit of Economics, and one-half credit of American/Arizona Government. District Economics requirements may be met from other content area courses as listed on page 9.
- **Math (4 credits)** – This requirement will be met by earning four credits of math which shall consist of Algebra I, Geometry, Algebra II (or its equivalent), and an additional math course.
- **Science (3 credits)** – This requirement will be met by completing at least 3 laboratory sciences selected from the following: biology, chemistry, or physics. EVIT Courses in the medical field MC19, MC29, DE10 (formally MC59), MC37, PT10 (formally MC38) may also meet one District Science requirement.
- **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, and PE505 Driver's 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. 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 waive one of the CTE or Fine Arts requirements. Enrollment in first year CTE and Fine Arts courses should occur prior to a student's senior year to allow for successful program completion. These courses will be designated as CTE/FA4 credit within the course description: Advanced Sports Training, Advancement Via Individual Determination (AVID), Forensics: Speech and Debate, 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. Any content area course offerings above and beyond the graduation requirement will be applied as elective credit.

## **GENERAL STUDIES 4 YEAR EXAMPLE PATHWAY**

### Freshmen Year:

**English I**  
**Biology**  
**Algebra I**  
Physical Education  
Fine Arts-CTE  
Elective

### Sophomore Year:

**English II**  
**Chemistry**  
**Geometry**  
**World History & Geography**  
World Language  
Fine Arts-CTE

### Junior Year:

**English III**  
**Physics**  
**Algebra II**  
**American/ Arizona History**  
Elective/Fine Arts-CTE  
World Language

### Senior Year:

**English IV**  
**Math**  
**American/ Arizona Government**  
**Economics**  
Elective  
Elective

Gilbert Public Schools and GPS 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/ or staff. Students may contact their campus for more information.

## **NATIONAL COLLEGIATE ATHLETIC ASSOCIATION – NCAA**

Prospective NCAA student athletes should meet with the designated NCAA campus advisor and visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org) regarding specific NCAA academic requirements. \*Please note that credit recovery courses do not meet NCAA eligibility requirements.

## **STATE MANDATED ASSESSMENTS**

The Arizona Department of Education is responsible for administering statewide assessments of students enrolled in Arizona public schools. Currently the following assessments are mandated by the Arizona Department of Education:

- Students in grade 9 are required to participate in the ACT Aspire.
- Students in grade 11 are required to participate in the ACT and AzSCI.
- Students must obtain a passing score on the American Civics Exam to graduate.

## **DISTRICT MANDATED FINAL EXAMS**

Currently the following assessments are mandated by Gilbert Public School:

- Mathematics: Algebra I, Geometry, Algebra II, Intermediate Algebra, Pre-Calculus
- Science: Biology, Chemistry, Physics
- Social Studies: World History, United States History, Government, and Economics
- English: English I, English II, English II, English IV

## **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:

- 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.
- Unweighted grades will be utilized when determining selection at Gilbert Classical Academy.
- Foreign exchange students will not be eligible for the Valedictorian or Salutatorian position.
- Early graduates will not be eligible for the Valedictorian or Salutatorian selection.
- The Valedictorian and 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.**
- The top 1% of students will be notified at the end of 7th semester. Final Valedictorian and Salutatorian will be selected based on 8th semester final grades.



- Valedictorian and Salutatorian selection does not guarantee a speaker role at graduation ceremonies.

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 activities and ceremonies at that time. Early graduates will not be eligible for the valedictorian or salutatorian selection.

### **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. For more information, visit [www.gilbertschools.net/thrive](http://www.gilbertschools.net/thrive).

### **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.

Course Number	Course Name	Science	Economics
AG100	Applied Biological Systems	X	
AG201	Ag Science – Animal	X	
AG205	Ag Science – Landscaping/Ag Plant I	X	
AG208	Ag Science – Veterinary Science	X	
AG310	Ag Business and Management		X
AG400	Advanced Agriculture		X
BT140	Marketing Education		X
BT212	Advertising Strategies and Economics		X
BT400	Advanced Business		X
LM400	Advanced FACS		X
SS111	Stock Market		X
SS109	Personal Finance		X
SS123	Government/Economics		X
SS400/401	Respect Class/Work Experience		X

## **ADDITIONAL DIPLOMA DESIGNATIONS**

### **ADVANCED PLACEMENT CAPSTONE DIPLOMA**

AP Capstone™ is a diploma program based on two year long AP courses: AP Seminar and AP Research. These courses are designed to complement other AP courses that the AP Capstone student may take. Instead of teaching specific subject knowledge, AP Seminar and AP Research use an interdisciplinary approach to develop the critical thinking, research, collaboration, time management, and presentation skills students need for college-level work. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

### **INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAMME**

The IB Diploma Programme (DP) is a rigorous, challenging and balanced two-year university- preparation programme for students aged 16 to 19. The program aims to support schools by providing outstanding research-based education, developing both disciplinary and interdisciplinary knowledge and understanding. The DP Programme's goal is to develop students who have an excellent breadth and depth of knowledge – students who flourish physically, intellectually, emotionally and ethically. They will learn how to manage their time when faced with demanding workloads and learn how to meet the expectations placed on them. They will study a language, traditional academic subjects, and explore the nature of knowledge through the program's unique theory of knowledge course.

### **INTERNATIONAL BACCALAUREATE CAREER-RELATED PROGRAMME CERTIFICATE**

The IB Career-related Programme (CP) is an innovative international education pathway that offers a rewarding blend of academic subjects and career-related studies. This two-year college-prep program is tailored to students who want to focus on career-related learning in their junior and senior years of high school. CP students are required to complete Diploma Programme coursework while also continuing in their CTE pathway. The CP develops applicable, transferable, lifelong skills that prepare them for higher education, apprenticeships or employment. Students who successfully meet the requirements for the CP Certificate will study a language, earn a certification in their career-related study, complete a reflective project, develop their personal and professional skills, and participate in service learning in the local community all while considering the global context of their learning.

### **ARIZONA SEAL OF ARTS PROFICIENCY**

This program recognizes students who have demonstrated high levels of proficiency in the Arizona Arts Education Standards through personal expression and creative experiences in arts education programs at the time of graduation. Seal is noted on transcript and provided for placement on diploma. Requirements include specific coursework, extracurriculars and a capstone project.

### **ARIZONA SEAL OF BILITERACY**

This program recognizes students who have attained a high level of proficiency in English and at least one other language at the time of graduation. Proficiency is determined by completion of a set of approved assessments. Seal is noted on transcript and provided for placement on diploma. Requirements include GPA in specific coursework, passage of ELA state assessment and demonstrations of other language proficiency.

### **ARIZONA SEAL OF CIVICS LITERACY**





This program recognizes students who have attained a high level of proficiency in Civics at the time of graduation. Proficiency is determined by completion of a set of Arizona State Board of Education Approved Tasks. Seal is noted on transcript and provided for placement on diploma. Requirements include community service, civic engagement, learning programs and reflection.



### **ARIZONA SEAL OF PERSONAL FINANCE**

This program recognizes students who have attained a high level of proficiency in Personal Finance at the time of graduation. Proficiency is determined by completion of a set of Arizona State Board of Education Approved Tasks. Seal is noted on transcript and provided for placement on diploma. Requirements include personal finance coursework, extracurriculars, college & career readiness tasks and necessary assessments.

## 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.

Pathway	Description	Career Options	Suggested Courses
 <p style="text-align: center;"><b>Natural Resources</b></p>	<p>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.</p>	<p>Veterinary Assistant, Game Warden, Forester, Landscaper, Farmer, Rancher, Food Scientist, Botanist, Agricultural Engineer, Economist, Entomologist, Oceanographer, Geologist, Meteorologist, Zoologist</p>	<p>Applied Biological Systems, Animal Science, Chemistry, Ag Business &amp; Management, Plant, Science/Landscaping, Veterinary Science, Ag Fabrication, Ag Engineering, Marine Biology, Biology</p>
 <p style="text-align: center;"><b>Arts, Communications, and Humanities</b></p>	<p>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.</p>	<p>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</p>	<p>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</p>
 <p style="text-align: center;"><b>Business Systems</b></p>	<p>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.</p>	<p>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</p>	<p>21<sup>st</sup> Century Business Practices, Computer Technology for College and Career Readiness, Marketing, Game Design, Computer Programming, Business or Marketing Internship, Personal Finance, Entrepreneurship, Financial Applications</p>
	<p>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,</p>	<p>Hardware Designer, Carpenter, Architect, Roofer, Chemist, Marine Architect, Auto Mechanic, Electrician, Machinist, Welder, Communications Technician, Painter, Engineers: Automotive, Chemical, Computer, Civil, Electrical, Manufacturing</p>	<p>Ag Fabrication, Ag Engineering, Technical Theatre, Woodworking &amp; Construction, Electronics &amp; Robotics, Automotive, Engineering &amp; Design, Digital Electronics</p>

<p><b>Engineering and Industrial Education</b></p>	<p>precision production, electronics, and construction.</p>		
 <p><b>Health Services</b></p>	<p>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.</p>	<p>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</p>	<p>Biomedical Sciences: Principles of Biomedical Sciences, Human Body Systems, Medical Interventions, Biomedical Innovation, Anatomy and Physiology, Chemistry, Applied Biological Systems, Animal Science, Sports Medicine, Physical Education, Parallel Learning.</p>
 <p><b>Social and Human Services</b></p>	<p>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.</p>	<p>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</p>	<p>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, AFROTC</p>

## ENROLLMENT IN ADVANCED CLASSES

Gilbert Public Schools promotes rigor for all students and offers both Honors and Advanced Placement (AP) courses. Our goal in GPS is to support students in these courses, encourage persistence, and prepare them for the challenges of post secondary education. Students choosing to take Honors and AP courses will commit to the course for a minimum of 4.5 weeks. (If a level change is needed, changes are permissible between the 4.5 week - 9 week grading periods.)

### **HONORS**

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. While these courses are weighted, ***please be aware that many universities will unweight grades for admission/scholarship purposes.***

### **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](http://www.apcentral.collegeboard.com). While these courses are weighted, ***please be aware that many universities will unweight grades for admission/scholarship purposes.***

## **INTERNATIONAL BACCALAUREATE (IB)**

Gilbert High School is the only school in Gilbert Public Schools authorized to offer the International Baccalaureate (IB) Diploma Programme (DP) and Career-related Programme (CP). The International Baccalaureate is a recognized leader in the field of international education, encouraging students to be active learners, well-rounded individuals, and engaged world citizens. Students who participate in a single IB course or complete the DP or CP programmes will benefit from the high level of rigor that is paired with student-led learning and framed through global context. Students enrolled in IB courses are expected to participate in the IB examination associated with their course. For more information, contact the IB Coordinator or please visit [www.ibo.org](http://www.ibo.org). While these courses are weighted, please be aware that many universities will unweight grades for admission/scholarship 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. 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](http://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 as “may be taken for dual credit.”* Satisfactory/Unsatisfactory (S/U) grade options **will not** be allowed for these courses. A complete list of courses that may be offered for dual credit is located on the following page. **Dual credit classes will only be offered if a college approved high school teacher is available. Please note that course offerings vary by campus and school year.** The following courses that may be offered for dual credit:

Course Number	Course Name	Course Number	Course Name
AG201	Ag Science - Animal	LM106	Culinary Arts I
AG205	Ag Science – Landscaping/Ag Plant I	LM107	Culinary Arts II
AG208	Ag Science – Veterinary Science	LM500	Culinary Arts III
AG221	Ag Engineering and Fabrication II	LM112	Teacher Prep I
AG306	Advanced Landscaping/Ag Science Plant II	LM300/301	Early Childhood - TOYBOX/TOYBOX LAB I
AG310	Ag Business and Management	MA408	College Mathematics
AG400	Advanced Agriculture	MA409	College Algebra
BT123	Computer Technology for College and Career Readiness	MA410	Pre-Calculus
BT126	21 <sup>st</sup> Century Business Practices	MA414	AP Statistics
BT140	Marketing Education	MA415	AP Pre-Calculus
BT142	Advanced Marketing (Sports & Entertain.)	MA416	AP Calculus AB
BT156	Game Development II	MA417	AP Calculus BC
BT199	AP Computer Science Principles	MA419	Calculus III
BT200	AP Computer Science	MA420	Differential Equations

<b>BT211</b>	Build Your Own Business	<b>PA171</b>	AP Music Theory
<b>BT212</b>	Advertising Strategies and Economics	<b>PA177</b>	Advanced Theatre Arts
<b>BT400</b>	Advanced Business	<b>PE501</b>	Sports Medicine II
<b>BT405</b>	Advanced Marketing	<b>PE502</b>	Sports Medicine III
<b>BT510</b>	Broadcasting and Video Production I	<b>PE503</b>	Sports Medicine Internship
<b>BT511</b>	Broadcasting and Video Production II	<b>SC122</b>	AP Biology
<b>EN412</b>	English IV – Literature and Advanced Research Composition	<b>SC131</b>	AP Environmental Science
<b>EN417</b>	English IV - Composition 101	<b>SC132</b>	Marine Biology
<b>EN418</b>	English IV – Composition 102	<b>SC137</b>	AP Chemistry
<b>FL113</b>	Spanish III	<b>SC145</b>	Anatomy and Physiology
<b>FL114</b>	Spanish IV	<b>SC146</b>	Honors Anatomy and Physiology
<b>FL211</b>	French III	<b>SC151</b>	AP Physics 1: Algebra - Based
<b>FL212</b>	French IV	<b>SC152</b>	AP Physics 2
<b>FL411</b>	German III	<b>SS106</b>	AP American History
<b>FL412</b>	German Conversation and History	<b>SS107</b>	AP European History
<b>FL511</b>	Japanese III	<b>SS108</b>	AP Human Geography
<b>FL512</b>	Japanese IV	<b>SS142</b>	AP Psychology
<b>FL610</b>	American Sign Language II	<b>VA102</b>	Art & Design II - Painting
<b>FL611</b>	American Sign Language III	<b>VA126</b>	3-D Art II
<b>IE110</b>	Automotive Technology I	<b>VA142</b>	Photo Imaging II
<b>IE111</b>	Automotive Technology II	<b>VA150</b>	Graphic Design I
<b>IE112</b>	Automotive Technology III	<b>VA151</b>	Graphic Design II
<b>LM102</b>	Fashion Design I	<b>VA170</b>	AP Art History
<b>LM103</b>	Fashion Design II		

### **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:
  - i. **the four English credits**

- ii. the first three Science credits
- iii. the first four Math credits
- iv. 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.**

## GRADING PRACTICES & BELIEFS

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

<u>Grading Scale</u>	<u>GPA</u>	<u>Weighted GPA</u>
90-100= A	A = 4.0	A = 5.0
80-89 = B	B = 3.0	B = 4.0
70-79 = C	C = 2.0 / P = 2.0	C = 3.0
60-69 = D	D = 1.0	D = 1.0
0-59 = F	F = No credit	F = No Credit

### 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/scholarship purposes.*** Weighted courses taken in another district must correlate with the Gilbert Public Schools weighted courses in order for weighted credit to be awarded.

### ALTERNATIVE GRADE OPTION: SATISFACTORY/UNSATISFACTORY (S/U)

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. Seniors and Juniors must be enrolled in a minimum of five (5) class periods. The fifth class may be an S/U course.

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

### ALTERNATIVE GRADE OPTION: PASS/FAIL (P/F)

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 recognized 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, Withdraw Fails (WF), or I's on transcripts.
3. Students receiving non-competitive grades are not eligible for recognition.

## **GENERAL INFORMATION**

### **COLLEGE AND CAREER RESOURCES**

School counselors and Career Center staff are available to provide information to help students make wise and mature decisions about their futures. Gilbert Public Schools is dedicated to supporting all of our high school students to excel during their high school experience and beyond by helping students explore college and career options with proven pathways to success. THRIVE is a College & Career Success Guide providing helpful timelines and resources to encourage students (and their families) to get the most out of their high school experiences along with helping our students plan for their brightest futures. For more information, visit [www.gilbertschools.net/thrive](http://www.gilbertschools.net/thrive).

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

EVIT is a public, career technological education district (CTED) that serves students from 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 at the end of this book.

### **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 GPS campus and online courses. 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.

### **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.**

Transfer students may be required to take district final exams to receive core credit in Gilbert Public schools if the original credit was earned in a non-accredited school or an online school where final exams were not proctored in person.



## **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.

## **SECONDARY SUMMER SCHOOL OPPORTUNITIES**

Summer courses are offered to students each year for a fee of \$200 per semester course through in-person Secondary Summer School and GPS Global Academy online tuition sessions. To ensure that courses taken during the summer months align with a student's graduation requirements and college/career goals, students who plan to take summer courses must first meet with their home-school counselor to have a course recommendation submitted in Infinite Campus. Once payment is received through InTouch, accessed via the Infinite Campus parent portal, the student will be officially enrolled in their recommended course(s). For both options, final course offerings are dependent upon sufficient enrollment and teacher availability.

**IN PERSON:** In-person high school courses are offered for first-time credit or repeat credit, depending on the course, and are offered in two 2-week sessions during the month of June at a single location in the district. Transportation will be available to the selected site from all other comprehensive high school campuses for a minimal fee. Course offerings and additional information for In-Person Secondary Summer School will be published prior to Spring Break.

**ONLINE:** GPS Global Academy offers on-level, honors, and credit recovery courses to high school students throughout the entire calendar year. GPS Global Academy courses are self-paced with teacher feedback and support, lasting between 6 and 18 weeks. Students may begin up to two courses during the four summer tuition-based enrollment periods. Students who take online courses should be prepared to spend 5 hours per week working on each course in order to finish in 18 weeks, but may work faster in order to finish sooner. Once courses are complete, the student must take the final exam in-person at GPS Global Academy or their home high school. Additionally, online courses are only accessible within the United States.

## CAREER AND TECHNICAL EDUCATION

Gilbert Public School's Career and Technical Education (CTE) department does not discriminate in enrollment or access to any of the available programs. However, enrollment in first year CTE and Fine Arts courses should occur prior to a student's senior year to allow for successful program completion.



### AGRICULTURE EDUCATION **AgriScience (3 Year Program)**

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

#### **APPLIED BIOLOGICAL SYSTEMS AG100**

<b>Grades:</b> 9, 10	1 Year	1 Credit
<b>Fee:</b> \$15.00		
<i>This course will meet one of the District graduation requirements for science, but will not replace Biology. This course will satisfy one lab science or one CTE credit for Arizona university entrance requirements.</i>		

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.

#### **AG ENGINEERING AND FABRICATION I AG120**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$50.00		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

#### **AG SCIENCE-ANIMAL AG201**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Applied Biological Systems or application and approval		
<b>Fee:</b> \$15.00		
<i>May be taken for dual credit. This course will meet one of the District graduation requirements for science, but will not replace Biology. This course will satisfy one-half lab science or one CTE credit for Arizona university entrance requirements.</i>		

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.

#### **AG SCIENCE – PLANT I AG205**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Applied Biological Systems or application and approval		
<b>Fee:</b> \$25.00		
<i>May be taken for dual credit. This course will meet one of the District graduation requirements for science, but will not replace Biology. This course will satisfy one-half lab science or one CTE credit for Arizona university entrance requirements.</i>		

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.

## AG SCIENCE-VETERINARY SCIENCE AG208

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Applied Biological Systems or application and approval		
<b>Fee:</b> \$15.00		
<i>May be taken for dual credit.</i>		
<i>This course will meet one of the District graduation requirements for science, but will not replace Biology.</i>		
<i>This course will satisfy one-half lab science or one CTE credit for Arizona university entrance requirements.</i>		

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.

## AG ENGINEERING AND FABRICATION II AG221

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Ag Engineering and Fabrication I		
<b>Fee:</b> \$50.00		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

## AG SCIENCE – PLANT II AG306

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Ag Science Plant I		
<b>Fee:</b> \$25.00		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

## AG BUSINESS AND MANAGEMENT AG310

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> 1 year of any Agriculture Education course or application and approval		
<b>Fee:</b> \$15.00		
<i>May be taken for dual credit.</i>		
<i>This course will meet the District graduation requirement for Economics upon completion of the entire year.</i>		
<i>This course will not meet the NCAA requirements for History and Social Sciences.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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, databases, 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.

## AGRICULTURAL PROCESSING AG315

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> 1 year of any Agriculture Education course or application and approval		
<b>Fee:</b> \$25.00		
<i>This course may be repeated for credit.</i>		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Students must provide their own transportation.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

## ADVANCED AGRICULTURE AG400 AG CO-OP AG401

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

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

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.



## AEROSPACE SCIENCE AND LEADERSHIP AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (AFJROTC) (2 Year Program)

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

*There is NO requirement to join the military after completion of the Air Force Junior ROTC course. Courses are designed to teach young men and women self-discipline, personal responsibilities, leadership, fitness, and citizenship. Cadets who complete three (3) years of Air Force Junior ROTC are awarded with Certificate of Completion. These certificates allow students who elect to enlist in the military to serve at a higher rank upon completion of basic training. Completion of two years in Air Force Junior ROTC, Gilbert Public Schools 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.*

## JOURNEY INTO AVIATION HISTORY (AFJROTC) AS100

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>This course is taught at Gilbert High School and Campo Verde High School, but is open to students from all Gilbert Public Schools.</i>		
<i>CTE/Fine Arts credit will be issued for this course.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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: Air Force customs and courtesies, and health and wellness education. Students are required to wear the Air Force Junior ROTC Cadet uniform once a week. The uniform is provided free of charge.

### **SCIENCE OF FLIGHT (AFJROTC) AS200**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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*This course is taught at Gilbert High School and Campo Verde High School, but is open to students from all Gilbert Public Schools.*  
*Elective or CTE/Fine Arts credit will be issued for this course.*  
*This course will satisfy one CTE credit for Arizona university entrance requirements.*

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. Students are required to wear the Air Force Junior ROTC Cadet uniform once a week. The uniform is provided free of charge.

### **INTRODUCTION TO GLOBAL AWARENESS (AFJROTC) AS220**

<b>Grade:</b> 9, 10, 11, 12	1 Year	1 Credit
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*This course is taught at Gilbert High School and Campo Verde High School, but is open to students from all Gilbert Public Schools.*  
*Elective or CTE/Fine Arts credit will be issued for this course.*  
*This course will satisfy one CTE credit for Arizona university entrance requirements.*

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. Students are required to wear the Air Force Junior ROTC Cadet uniform once a week. The uniform is provided free of charge.

### **EXPLORING SPACE: THE HIGH FRONTIER (AFJROTC) AS300**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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*This course is taught at Gilbert High School and Campo Verde High School, but is open to students from all Gilbert Public Schools.*  
*Elective or CTE/Fine Arts credit will be issued for this course.*  
*This course will satisfy one CTE credit for Arizona university entrance requirements.*

This course will focus on the latest information available in space science and space exploration. It begins with the study of the 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 21<sup>st</sup> century. Students are required to wear the Air Force Junior ROTC Cadet uniform once a week. The uniform is provided free of charge.

### **MANAGEMENT OF CADET CORPS (AFJROTC) AS400**

<b>Grade:</b> 11, 12	1 Year	1 Credit
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*This course is taught at Gilbert High School and Campo Verde High School, but is open to students from all Gilbert Public Schools.*  
*Elective or CTE/Fine Arts credit will be issued for this course.*  
*This course will satisfy one CTE credit for Arizona university entrance requirements.*

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. Students are required to wear the Air Force Junior ROTC Cadet uniform once a week. The uniform is provided free of charge.

## **SURVIVAL: SURVIVE AND RETURN (AFJROTC) AS410**

**Grade:** 9, 10, 11, 12

1 Year

1 Credit

*This course is taught at Gilbert High School and Campo Verde High School, but is open to students from all Gilbert Public Schools.*

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

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

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. Students are required to wear the Air Force Junior ROTC Cadet uniform once a week. The uniform is provided free of charge.

## **DRILL AND CEREMONIES (AFJROTC) AS505**

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

1 Year

1 Credit

**Prerequisite:** Concurrent enrollment in another AFJROTC course and a member of AFJROTC

*This course is taught at Gilbert High School and Campo Verde High School, but is open to students from all Gilbert Public Schools.*

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

*This course may be repeated for credit.*

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

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.



## **BIOMEDICAL EDUCATION**

### ***Bioscience (3 Year Program)***

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

## **PRINCIPLES OF THE BIOMEDICAL SCIENCES SC210**

**Grades:** 9, 10

1 Year

1 Credit

**Prerequisite:** Application and approval. Concurrent enrollment in math and science.

**Fee:** \$20.00 per semester

*This course is taught at Campo Verde High School, but is open to students from all Gilbert Public Schools.*

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

*This course may not be repeated.*

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

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

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. This is the first course in a sequence offered by Project Lead The Way (PLTW).

## HUMAN BODY SYSTEMS SC211

<b>Grades:</b> 10, 11	1 Year	1 Credit
<b>Prerequisite:</b> Principles of the Biomedical Sciences. Application and approval. Concurrent enrollment in math and science.		
<b>Fee:</b> \$20.00 per semester		
<i>This course is taught at Campo Verde High School, but is open to students from all Gilbert Public Schools. Elective or Career and Technical Education credit will be issued for this course.</i>		
<i>This course may not be repeated.</i>		
<i>Upon successful completion of this course, students may be eligible to earn college credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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. This is the second course in a sequence offered by Project Lead The Way (PLTW).

## MEDICAL INTERVENTIONS SC212

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Human Body Systems. Application and approval. Concurrent enrollment in math and science.		
<b>Fee:</b> \$20.00 per semester		
<i>This course is taught at Campo Verde High School, but is open to students from all Gilbert Public Schools. Elective or Career and Technical Education credit will be issued for this course.</i>		
<i>This course may not be repeated.</i>		
<i>Upon successful completion of this course, students may be eligible to earn college credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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. This is the third course in a sequence offered by Project Lead The Way (PLTW).

## BIOMEDICAL INNOVATION SC213

<b>Grades:</b> 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Medical Interventions. Application and approval. Concurrent enrollment in math and science.		
<b>Fee:</b> \$20.00 per semester		
<i>This course is taught at Campo Verde High School, but is open to students from all Gilbert Public Schools. Elective or Career and Technical Education credit will be issued for this course.</i>		
<i>This course may not be repeated.</i>		
<i>Upon successful completion of this course, students may be eligible to earn college credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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 21<sup>st</sup> 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. This is the final course in a sequence offered by Project Lead The Way (PLTW).

## BIOMEDICAL LAB ASSISTANT SC250

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Principles of the Biomedical Sciences and Human Body Systems		
<i>This course is taught at Campo Verde High School, but is open to students from all Gilbert Public Schools.</i>		
<i>This course may not be repeated.</i>		

This course will allow students to get more hands-on experience in the field of biotechnology by working in the Biomedical lab rooms providing assistance in preparing labs for the teachers. Students will put equipment together, prep chemicals, and break apart lab equipment. This course will apply the information taught in the first two classes of the Biomedical curriculum and allow the students to physically use the knowledge they have acquired while providing assistance to the teacher.



## BUSINESS AND TECHNOLOGY

### ***Business Operations (2 Year Program)***

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

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

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

#### **21<sup>st</sup> CENTURY BUSINESS PRACTICES BT126**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Computer Technology for College and Career Readiness		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

#### **ADVANCED BUSINESS BT400**

#### **BUSINESS CO-OP BT401**

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

<b>Grade:</b> 12	1 Year	3 Credits
<b>Prerequisite:</b> Application and approval		
<i>May be taken for dual credit.</i>		
<i>Two elective credits will be issued for the work portion of the course.</i>		
<i>This course <b>will not</b> meet the NCAA requirements for History and Social Sciences.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		
<i>This course will meet District graduation requirements for Economics and/or CTE upon completion of the entire year.</i>		

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.





## Marketing (2 Year Program)

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

### **MARKETING EDUCATION BT140**

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

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.

### **MARKETING LAB (Spirit Store) BT141**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Completion of or concurrent enrollment in Marketing Education, completed application and interview with Spirit Store supervisor required		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### **ADVANCED MARKETING (SPORTS & ENTERTAINMENT) BT142**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Marketing Education or application and approval		
<i>May be taken <b>once</b> for dual credit.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### **ENTREPRENEURSHIP (Business Ownership) BT145**

<b>Grades:</b> 11, 12	1 Year	1 Credit
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

**ADVANCED MARKETING BT405  
MARKETING CO-OP/INTERNSHIP BT406**

**Advanced Marketing CO-OP are to be taken concurrently.**

<b>Grade:</b> 12	1 Year	3 Credits
<b>Prerequisite:</b> Marketing Education, application and approval		
<i>Two elective credits will be issued for the work portion of the course.</i>		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.



**Software and App Design (2 year Program)**

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

**Programming Pathway**

**COMPUTER PROGRAMMING I BT150**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course will provide the foundation for students interested in pursuing a career in computer programming, business analysis, or mobile application design. Students are challenged to develop computer programs in multiple formats for use in the robotics industry, computer information systems, mobile application design, and business organizations. Emphasis will be placed on the skills necessary to communicate clearly, collaborate with peers, solve logistical problems, and present findings. Students will also learn to design computer mobile application programs using multiple platforms based on computer science principles.

**COMPUTER PROGRAMMING II BT151**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Computer Programming I		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course will continue to provide a study of multiple programming languages resulting in the opportunity to apply the concepts in real-world applications. Emphasis will be on critical thinking, creativity, cooperation and problem solving. Students will also be introduced to the basic concepts and applications of artificial intelligence (AI).

**Game Development Pathway**

**GAME DEVELOPMENT I BT155**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

**GAME DEVELOPMENT II BT156**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Game Development I		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### GAME DEVELOPMENT III BT157

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Game-Development II		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

## AP Computer Science Pathway

### AP COMPUTER SCIENCE PRINCIPLES BT199

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Algebra I		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.**

### AP COMPUTER SCIENCE A BT200

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Algebra I, programming experience recommended		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.**

### HONORS ROBOTICS BT206

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> AP Computer Science Principles or AP Computer Science A or Robotics II		
<b>Fee:</b> \$40.00		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course will combine mechanical, electronics engineering, and computer software engineering utilizing robotics. Students will learn robotics by using critical thinking processes involving design, functional use, and maintenance. They will also learn about robotics in industry, team dynamics, design processes, trade tools, and maintaining an Engineer's Notebook. This course is mostly project-based and will require a significant amount of work outside of the regular class period. The focus of the course will be the design, fabrication, assembly, and programming of a competition robot.



## Business Management (2 year Program)

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

### **EXPLORING THE CORPORATE WORLD BT210**

Grades: 9, 10	1 Year	1 Credit
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*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.

### **BUILD YOUR OWN BUSINESS BT211**

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

### **ADVERTISING STRATEGIES AND ECONOMICS BT212**

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



## Film and TV Production (2 year Program)

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

### **BROADCASTING AND VIDEO PRODUCTION I BT510**

Grades: 9, 10, 11, 12	1 Year	1 Credit
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**Fee:** \$35.00  
*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.

## BROADCASTING AND VIDEO PRODUCTION II BT511

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

**Prerequisite:** Broadcasting and Video Production I or application and approval

**Fee:** \$35.00

*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.

## BROADCASTING AND VIDEO PRODUCTION III BT512

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

**Prerequisite:** Broadcasting and Video Production II or application and approval

**Fee:** \$35.00

*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.



## Digital Photography (2 year Program)

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

### DIGITAL PHOTOGRAPHY I VA146

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

**Fee:** \$40.00 per semester

*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.

### DIGITAL PHOTOGRAPHY II VA147

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

**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 the AP Photography portfolio will also be included.

### AP 2-D ART AND DESIGN VA149

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

**Prerequisite:** Photo Imaging I, II, or Digital Photography I & II 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.***



## Graphic Design (2 year Program)

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

### **GRAPHIC DESIGN I VA150**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Any first level visual arts class or application and approval		
<b>Fee:</b> \$40.00 per semester		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### **GRAPHIC DESIGN II VA151**

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Graphic Design I or application and approval		
<b>Fee:</b> \$40.00 per semester		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.



## Engineering (3 year Program)

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

### **INTRODUCTION TO ENGINEERING AND DESIGN SC200**

<b>Grades:</b> 9, 10	1 Year	1 Credit
<i>This course is taught at Desert Ridge High School and Mesquite High School, but is open to students from all Gilbert Public Schools.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions using engineering notebooks, 3D modeling software, and 3D print designs. This is the first course in a sequence offered by Project Lead the Way (PLTW).

### **PRINCIPLES OF ENGINEERING SC201**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Introduction to Engineering preferred		
<i>This course is taught at Desert Ridge High School and Mesquite High School, but is open to students from all Gilbert Public Schools.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. 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).



### CULINARY ARTS II LM107

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Culinary I		
<b>Fee:</b> \$35.00 per semester		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course will allow students to put their artistic skills to use through meal and menu planning, regional foods, foreign foods, knife skills, garnishing, plating, fine dining, and customer relations. There will be a 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.

### CULINARY ARTS III LM500

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Culinary II		
<b>Fee:</b> \$35.00 per semester		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### ADVANCED FACS LM400

#### HERO CO-OP LM401

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

<b>Grade:</b> 12	1 Year	3 Credits
<b>Prerequisite:</b> Application and approval		
<b>Fee:</b> \$20.00		
<i>This course will meet District graduation requirements for Economics and/or Career and Technical Education upon completion of the entire year.</i>		
<i>Two elective credits will be issued for the work portion of the course.</i>		
<i>This course will not meet the NCAA requirements for History and Social Sciences.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course will teach students to apply personal employability skills necessary to succeed in the workplace. 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.



## Early Childhood Education (2 Year Program)

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

### EARLY CHILDHOOD - CHILD DEVELOPMENT LM110

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$10.00 per semester		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course will prepare students to understand the developing child. Topics covered will include prenatal development, the development of newborns, infants, and toddlers, as well as theories in child development, and the overall health and safety of children. Students also gain preparation for interacting with children and explore careers related to early childhood education. Students will have an opportunity to observe and interact with preschool age children.



**EARLY CHILDHOOD - TOYBOX CLASS LM300 - concurrent enrollment in TOYBOX Lab I**  
**EARLY CHILDHOOD - TOYBOX LAB I LM301 - concurrent enrollment in TOYBOX Class**

<b>Grades:</b> 10, 11, 12	1 Year	2 Credits
<b>Prerequisite:</b> Intro to TOYBOX, Early Childhood Development or application and approval		
<b>Fee:</b> \$10.00		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy two CTE credits for Arizona university entrance requirements.</i>		

These courses are taken concurrently and offer students an opportunity to gain practical experience and employability skills necessary to secure a job in an early childhood education setting. Students will participate in one class period of instruction and preparation each day, as well as an additional lab period teaching and guiding preschool children. Students will write and implement lessons and activities for children ages three to five years old in the TOYBOX Early Learning Center on campus while working towards completing industry certification. Students also take part in the Department. of Education CTE ECE Assessment exam and are encouraged to participate in a Career and Technical Student Organization (CTSO).

**EARLY CHILDHOOD - TOYBOX LAB II LM302**

<b>Grades:</b> 11, 12	1 Year	1 Credits
<b>Prerequisite:</b> TOYBOX/TOYBOX LAB I or application and approval		
<b>Fee:</b> \$10.00		
<i>This course may be repeated for credit.</i>		

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 prepare students for a job in an early childhood education setting. Participation in a Career and Technical Student Organization (CTSO) is recommended.



**Education Professions (2 Year Program)**

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

**TEACHER PREPARATION PROGRAM I LM112**

<b>Grades:</b> 10, 11, 12	1 year	1 Credit
<b>Fee:</b> \$10.00		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

**TEACHER PREPARATION PROGRAM II LM113**

<b>Grades:</b> 11, 12	1 year	1 Credit
<b>Prerequisite:</b> Teacher Preparation Program I		
<b>Fee:</b> \$10.00		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.



## Fashion Design and Merchandising (2 Year Program)

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

### FASHION DESIGN I LM102

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$30.00		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### FASHION DESIGN II LM103

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Fashion Design I		
<b>Fee:</b> \$30.00		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.



## Interior Design and Merchandising (2 Year Program)

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

### INTERIOR DESIGN I LM104

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$30.00		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### INTERIOR DESIGN II LM105

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Interior Design I		
<b>Fee:</b> \$30.00		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

## INDUSTRIAL EDUCATION



### Cabinetmaking (2 Year Program)

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

#### **FUNDAMENTALS OF WOODWORKING TECHNOLOGY AND CONSTRUCTION IE107**

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

**Fee:** \$50.00

*This course is taught at Highland High School and Mesquite High School, but is open to students from all Gilbert Public Schools.*

*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.

#### **ADVANCED WOODWORKING TECHNOLOGY IE108**

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

**Prerequisite:** Fundamentals of Woodworking Technology and Construction or application and approval

**Fee:** \$60.00

*This course is taught at Highland High School and Mesquite High School, but is open to students from all Gilbert Public Schools.*

*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.

#### **FURNITURE DESIGN AND MANUFACTURING IE109**

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

**Prerequisite:** Advanced Woodworking Technology or application and approval

**Fee:** \$60.00

*This course is taught at Highland High School Mesquite High School, but is open to students from all Gilbert Public Schools.*

*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.



## Automotive Technologies (3 Year Program)

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

### AUTOMOTIVE TECHNOLOGY I IE110

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$40.00		
<i>This course is taught at Gilbert High School and Highland High School, but is open to students from all Gilbert Public Schools.</i>		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### AUTOMOTIVE TECHNOLOGY II IE111

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Automotive Technology I or application and approval, grade of C or better in Auto I		
<b>Fee:</b> \$40.00		
<i>This course may be taken concurrently with Automotive Technology III.</i>		
<i>This course is taught at Gilbert High School and Highland High School, but is open to students from all Gilbert Public Schools.</i>		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### AUTOMOTIVE TECHNOLOGY III IE112

<b>Grades:</b> 12	1 Year	1 Credit
<b>Prerequisite:</b> Automotive Technology II or application and approval		
<b>Fee:</b> \$40.00		
<i>This course is taught at Gilbert High School and Highland High School, but is open to students from all Gilbert Public Schools.</i>		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.



## Digital Communications (2 year Program)

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

### JOURNALISM I EN515

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Application and approval		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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

## JOURNALISM II EN516

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Journalism I, application and approval <i>This course may be repeated for credit.</i> <i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course will incorporate the skills learned in Journalism I through the publication of the school newspaper, magazine or other publications.

## DIGITAL COMMUNICATIONS I EN520

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Application and approval <i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

## DIGITAL COMMUNICATIONS II EN521

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Digital Communications I, application and approval <i>This course may be repeated for credit.</i> <i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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 (2 year Program)

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

## SPORTS MEDICINE I PE500

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$10.00 <i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course provides students with a basic knowledge and understanding of the principles of sports medicine, the care and treatment of athletic trauma, and the use of proper conditioning principles for the prevention of injury. The purpose of this course is to build upon the student's knowledge of anatomy. The muscular, nervous, and cardiovascular systems of the extremities and the spine will be studied in terms of location, function, tissue damage that may occur during injury as well as tissue repair during surgical procedures. Course will include the five domains of athletic training; prevention, clinical diagnosis and evaluation, immediate and emergency care, treatment and rehabilitation of athletic injuries and organization/professional health/well being.

### **SPORTS MEDICINE II PE501**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Sports Medicine I		
<b>Fee:</b> \$10.00		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for elective credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

This course provides the student with the background and skills necessary to administer and manage an Athletic Training Program. Topics such as athletic training program management, budget, insurance, facility design, legal issues, and ethics in the profession of athletic training will be discussed. The purpose of this course is to introduce the student to the athletic taping, bracing, and padding techniques used in the profession of athletic training. Students will engage in practical, hands-on activities with a focus on learning, practicing, and mastering taping, bracing, and padding techniques.

### **SPORTS MEDICINE III PE502**

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Sports Medicine II		
<i>May be taken for dual credit.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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.

### **SPORTS MEDICINE INTERNSHIP PE503**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Sports Medicine II		
<i>May be taken for dual credit.</i>		
<i>This course may be taken concurrently with Sports Medicine II.</i>		
<i>This course will satisfy one CTE credit for Arizona university entrance requirements.</i>		

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 a 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**



### **Stagecraft (2 Year Program)**

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

### **INTRODUCTION TO TECHNICAL THEATRE PA180**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>This course will satisfy one fine arts or CTE credit for Arizona university entrance requirements.</i>		

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.

## INTERMEDIATE TECHNICAL THEATRE PA182

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Introduction to Technical Theatre		
<i>This course will satisfy one fine arts or CTE credit for Arizona university entrance requirements.</i>		

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.

## ADVANCED TECHNICAL THEATRE PA181

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Completion of Introduction to Technical Theatre, application and approval		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts or CTE credit for Arizona university entrance requirements.</i>		

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.

## CTE INTERNSHIP

The purpose of CTE is to provide all GPS students the opportunity to select a program of study that involves a multi-year sequence of courses. Each CTE program integrates core academic knowledge with technical knowledge and professional skills to provide students with a pathway to postsecondary education and careers. The goal of the GPS CTE Department is for each student to complete at least one program. To qualify as a completer, each student must complete a minimum of a 2 or 3 years in a specific program. A concentrator is a student who completes 2 years in a specific program. Students can choose to participate in a program area capstone course by enrolling in an Internship Program. These courses provide senior and junior CTE students the opportunity to engage in real-world experiences. All students are required to complete prerequisite courses and obtain instructor approval. Check with your CTE teacher and/or counselor for instructor approval requirements.

### Two Year Programs:

BIOSCIENCE/BIOMEDICAL CT312  
BUSINESS MANAGEMENT CT313  
BUSINESS OPERATIONS CT314  
CABINETMAKING CT315  
CULINARY ARTS CT320  
DIGITAL COMMUNICATIONS CT345  
DIGITAL PHOTOGRAPHY CT323  
EARLY CHILDHOOD EDUCATION CT325  
EDUCATION PROFESSIONS CT326  
FASHION DESIGN & MERCHANDISING CT333  
FILM & TV CT344  
GRAPHIC DESIGN CT337  
INTERIOR DESIGN & MERCHANDISING CT344  
MARKETING CT358  
SOFTWARE DEVELOPMENT CT361  
SPORTS MEDICINE CT362  
STAGECRAFT (TECHNICAL THEATRE) CT364

### Three Year Programs:

AGRISCIENCE CT376  
AUTOMOTIVE TECHNOLOGIES CT311  
ENGINEERING SCIENCES CT330

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Students must complete their program, or are currently enrolled in a two-year program.		
<i>Elective or CTE credit will be issued for this course.</i>		

Students can earn 1 credit for internship: ½ elective credit per semester for completing 90 paid/unpaid internship hours per semester. Students must be a concentrator in their specific program or concurrently enrolled in their final year of the CTE program. Students must complete a log prior to receiving credit. A grade of Satisfactory/Unsatisfactory will be assigned at the completion of the course.

## ENGLISH LANGUAGE ARTS

### **ENGLISH I EN105**

<b>Grade: 9</b>	<b>1 Year</b>	<b>1 Credit</b>
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This course will focus on the integrated literacy skills of reading, writing, speaking and listening, and language through the continued practice of comprehending and evaluating appropriately complex texts - both literary and informational. Through a standards-based curriculum, students develop comprehension and analytical skills and will use the reading they do in class as a foundation for writing for a variety of audiences and purposes. Students will focus on how different types of text are structured and organized depending on their audience and purposes, as well as evaluating how different literary techniques are used.

### **HONORS ENGLISH I EN110**

<b>Grade: 9</b>	<b>1 Year</b>	<b>1 Credit-Weighted Grade</b>
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This course will focus on the same skills and standards-based curriculum as English I but with increased rigor due to inquiry, reflection, discussion, and analysis, and expansion of the curriculum to include other possible texts/sources. Students learn how to design their own research and analysis questions, and be able to provide thoughtful reflection on their own utilization and progress in the use of sophisticated literacy skills. Students will learn how to defend their opinions and positions with credible evidence from multiple texts and explain why the texts are considered credible in relation to the student's purpose. **Summer reading lists are available in the back of the course description book.**

### **ESSENTIALS OF ENGLISH I EN112**

<b>Grade: 9</b>	<b>1 Year</b>	<b>1 Credit</b>
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This course will focus on the integrated literacy skills of reading, writing, speaking and listening, and language through the continued practice of comprehending and evaluating appropriately complex texts - both literary and informational. Through a standards-based curriculum, students develop comprehension and analytical skills and will use the reading they do in class as a foundation for writing for a variety of audiences and purposes. Students will focus on how different types of text are structured and organized depending on their audience and purposes, as well as evaluating how different literary techniques are used. **Class may be taken only upon teacher approval.**

### **ENGLISH I CONNECTIONS EN113**

<b>Grade: 9</b>	<b>1 Year</b>	<b>1 Credit</b>
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This course will utilize a structured language approach that directly teaches all aspects of language arts utilizing a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. In addition, this course will stress the real-world applications of reading and writing skills. Individualized instruction will align with Core Content Connectors (i.e., Eng I, II, III, IV). **Class may be taken only upon teacher approval.**

### **PRACTICAL CONNECTIONS OF ENGLISH I EN114**

<b>Grade: 9</b>	<b>1 Year</b>	<b>1 Credit</b>
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This course will utilize a structured language approach that directly teaches all aspects of beginning language arts using a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. In addition, this course will stress the real-world applications of reading and writing skills. Individualized instruction will align with applying Core Content Connectors (i.e., Eng I, II, III, IV). **Class may be taken only upon teacher approval.**

### **ENGLISH II EN205**

<b>Grade: 10</b>	<b>1 Year</b>	<b>1 Credit</b>
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This course will continue to utilize the integrated literacy skills of reading, writing, speaking and listening, and language to critically analyze a variety of fiction and nonfiction, as well as learn how to adapt the form and content of their writing and speaking to accomplish a particular task and purpose. There will be a focus on teaching students how the makeup of an audience should affect tone, how the choice of words affects meaning, and how to combine different elements—for example, using narrative strategies within argument and explanation within narrative—to produce complex and nuanced communications in writing.



## HONORS ENGLISH II EN210

Grade: 10	1 Year	1 Credit-Weighted Grade
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This course will focus on the same skills as English II but with increased rigor due to inquiry, reflection, discussion, and analysis. Students will continue to develop their skills in designing their own research and analysis questions, and be able to provide thoughtful and increasingly sophisticated reflection on their own utilization and progress in the use of critical literacy skills. Students learn to defend their opinions and positions with credible evidence from multiple texts and explain why the texts are considered credible in relation to the student's purpose. **Summer reading lists are available in the back of the course description book.**

## ESSENTIALS OF ENGLISH II EN214

Grade: 10	1 Year	1 Credit
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This course will continue to utilize the integrated literacy skills of reading, writing, speaking and listening, and language to critically analyze a variety of fiction and nonfiction, as well as learn how to adapt the form and content of their writing and speaking to accomplish a particular task and purpose. There will be a focus on teaching students how the makeup of an audience should affect tone, how the choice of words affects meaning, and how to combine different elements—for example, using narrative strategies within argument and explanation within narrative—to produce complex and nuanced communications in writing. **Class may be taken only upon teacher approval.**

## ENGLISH II CONNECTIONS EN215

Grade: 10	1 Year	1 Credit
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This course will utilize a structured language approach that directly teaches all aspects of language arts utilizing a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. In addition, this course will stress the real-world applications of reading and writing skills. Individualized instruction will align with Core Content Connectors (i.e., Eng I, II, III, IV). **Class may be taken only upon teacher approval.**

## PRACTICAL CONNECTIONS OF ENGLISH II EN216

Grade: 10	1 Year	1 Credit
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This course will utilize a structured language approach that directly teaches all aspects of beginning language arts using a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. In addition, this course will stress the real-world applications of reading and writing skills. Individualized instruction will align with applying Core Content Connectors (i.e., Eng I, II, III, IV). **Class may be taken only upon teacher approval.**

## ENGLISH II/ WORLD HISTORY AND GEOGRAPHY EN201/SS201

*TWO-HOUR BLOCK*

Grade: 10	1 Year	2 Credits
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This course will combine the focus of English II and World History and Geography through a 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 History and English II. 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 argumentative claims. Further acquisition of skills, such as analysis of sources, author's purpose and audience, and use of credible evidence to support claims and positions will be emphasized.

## ENGLISH III EN305

Grade: 11	1 Year	1 Credit
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This course will build on the integrated literacy skills from English II, and will focus on the analysis and synthesis of seminal U.S and world texts, both fiction and non-fiction, to determine how structure, organization and presentation of a text helps organize ideas and details. Students continue to develop the skills of using inference and textual evidence in the comparison and analysis of multiple texts to evaluate and analyze both literary and cultural context, author point of view, use of rhetorical and literary devices, and purposes for writing. Development of critical research practices, including development of student-driven questions, will drive student writing for multiple purposes and audiences through the use of quality argumentative, informational, and narrative writing elements.

## AP ENGLISH LANGUAGE AND COMPOSITION EN310

Grade: 11	1 Year	1 Credit-Weighted Grade
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This course will focus on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences, and understand that there will be a significant amount of complex reading and writing. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Summer reading lists are available in the back of the course description book.***

## ENGLISH III/AMERICAN/ARIZONA HISTORY EN301/SS301

**TWO-HOUR BLOCK**

Grade: 11	1 Year	2 Credits
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This course will combine the focus of English III and American/Arizona History through a thematic and cross-curricular perspective. This course is taught by two teachers, one from each discipline. Reading selections include both fiction and nonfiction and will represent authors and events in U.S history. The class will tie closely to the scope and sequence of US.History and English III. Both disciplines will focus on the critical literacy skills of evaluation of primary and secondary sourcing through the development of specific claims, assessing validity, relevance, and sufficiency in making logical argumentative claims in research-driven projects.

## ESSENTIALS OF ENGLISH III EN312

Grade: 11	1 Year	1 Credit
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This course will build on the integrated literacy skills from English II, and will focus on the analysis and synthesis of seminal U.S and world texts, both fiction and non-fiction, to determine how structure, organization and presentation of a text helps organize ideas and details. Students continue to develop the skills of using inference and textual evidence in the comparison and analysis of multiple texts to evaluate and analyze both literary and cultural context, author point of view, use of rhetorical and literary devices, and purposes for writing. Development of critical research practices, including development of student-driven questions, will drive student writing for multiple purposes and audiences through the use of quality argumentative, informational, and narrative writing elements. **Class may be taken only upon teacher approval.**

## ENGLISH III CONNECTIONS EN313

Grade: 11	1 Year	1 Credit
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This course will utilize a structured language approach that directly teaches all aspects of language arts utilizing a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. In addition, this course will stress the real-world applications of reading and writing skills. Individualized instruction will align with Core Content Connectors (i.e., Eng I, II, III, IV). **Class may be taken only upon teacher approval.**

## PRACTICAL CONNECTIONS OF ENGLISH III EN314

Grade: 11	1 Year	1 Credit
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This course will utilize a structured language approach that directly teaches all aspects of beginning language arts using a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. In addition, this course will stress the real-world applications of reading and writing skills. Individualized instruction will align with applying Core Content Connectors (i.e., Eng I, II, III, IV). **Class may be taken only upon teacher approval.**

## ENGLISH IV EN405

Grade: 12	1 Year	1 Credit
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This course will continue to develop students' critical reading and writing skills for a variety of purposes that will serve them in both the work force and college-level application. Students continue to focus on evaluating and analyzing rhetorical strategy as it is used for a variety of tasks, purposes, and audiences in both literary and informational text and also continue to develop sophisticated research skills and application.

## AP ENGLISH LITERATURE AND COMPOSITION EN411

Grade: 12	1 Year	1 Credit-Weighted Grade
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This course will focus on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include analytical essays that require students to analyze and interpret literary works. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Summer reading lists are available in the back of the course description book.***

## ENGLISH IV - ENGLISH COMPOSITION 101 EN417

Grade: 12	1 Semester	1/2 Credit
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*Must be taken for dual credit*  
*College tuition fee required*  
*Must meet college placement requirements.*

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.

## ENGLISH IV - ENGLISH COMPOSITION 102 EN418

Grade: 12	1 Semester	1/2 Credit
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**Prerequisite:** Grade of "C" or better in English Composition 101  
*Must be taken for dual credit*  
*College tuition fee required*  
*Must meet college placement requirements.*

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.

## AP ENGLISH IV – LITERATURE AND ADVANCED RESEARCH COMPOSITION EN412

Grade: 12	1 Year	1 Credit-Weighted Grade
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*May be taken for dual credit.*  
*College tuition fee required*  
*Must meet college placement requirements.*

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 the 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 the option to enroll for dual credit in the 2nd semester.***

## ESSENTIALS OF ENGLISH IV EN461

Grade: 12	1 Year	1 Credit
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This course will continue to develop students' critical reading and writing skills for a variety of purposes that will serve them in both the work force and college-level application. Students continue to focus on evaluating and analyzing rhetorical strategy as it is used for a variety of tasks, purposes, and audiences in both literary and informational text and also continue to develop sophisticated research skills and application. **Class may be taken only upon teacher approval.**

## ENGLISH IV CONNECTIONS EN462

Grade: 12	1 Year	1 Credit
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This course will utilize a structured language approach that directly teaches all aspects of language arts utilizing a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. In addition, this course will stress the real-world applications of reading and writing skills. Individualized instruction will align with Core Content Connectors (i.e., Eng I, II, III, IV). **Class may be taken only upon teacher approval.**

## **PRACTICAL CONNECTIONS OF ENGLISH IV EN463**

<b>Grade:</b> 12	1 Year	1 Credit
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This course will utilize a structured language approach that directly teaches all aspects of beginning language arts using a systematic, multi-sensory approach. Topics will include phonemic awareness, decoding, encoding, vocabulary, comprehension, and fluency in passage reading. In addition, this course will stress the real-world applications of reading and writing skills. Individualized instruction will align with applying Core Content Connectors (i.e., Eng I, II, III, IV). **Class may be taken only upon teacher approval.**

## **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.

### **ENGLISH LANGUAGE DEVELOPMENT I 9TH EN653**

### **ENGLISH LANGUAGE DEVELOPMENT I 10TH EN654**

### **ENGLISH LANGUAGE DEVELOPMENT I 11TH EN655**

### **ENGLISH LANGUAGE DEVELOPMENT I 12TH EN656**

<b>Grades:</b> 9,10,11,12	Up to two semesters	Up to 1 Elective Credit
<b>Prerequisite:</b> Identification as an English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.		

This course will provide English language development using communication-based, content-based, and literature-based activities. Instruction will integrate oral language, vocabulary, grammar, reading, and writing activities that are designed to help students develop language skills necessary to engage in content learning in English. The content of this course will be based on the state English Language Proficiency (ELP) standards in areas of language, productive (writing, speaking) and interactive communication.

### **ENGLISH LANGUAGE DEVELOPMENT II 9TH EN657**

### **ENGLISH LANGUAGE DEVELOPMENT II 10TH EN658**

### **ENGLISH LANGUAGE DEVELOPMENT II 11TH EN659**

### **ENGLISH LANGUAGE DEVELOPMENT II 12TH EN660**

<b>Grades:</b> 9, 10, 11, 12	Up to two semesters	Up to 1 Elective Credit
<b>Prerequisite:</b> Identification as an English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores.		

This course will provide English language development using communication-based, content-based, and literature-based activities. Instruction will integrate oral language, vocabulary, grammar, reading, and writing activities that are designed to help students develop language skills necessary to engage in content learning in English. The content of this course will be based on the state English Language Proficiency (ELP) standards in areas of language, receptive (reading, listening), and interactive communication.

### **ENGLISH LANGUAGE DEVELOPMENT: SCIENCE 9TH EN629**

### **ENGLISH LANGUAGE DEVELOPMENT: SCIENCE 10TH EN630**

### **ENGLISH LANGUAGE DEVELOPMENT: SCIENCE 11TH EN631**

### **ENGLISH LANGUAGE DEVELOPMENT: SCIENCE 12TH EN632**

<b>Grades:</b> 9, 10, 11, 12	Up to two semesters	Up to 1 Elective Credit
<b>Prerequisite:</b> Identification as a Pre-Emergent or Emergent Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores and less than 2 years of enrollment in a U.S. school.		

This course will introduce students to academic language used in science. Instruction will focus on vocabulary, text structures and reading comprehension, along with choices professionals in the field of science make when they speak and write. Students will have the opportunity to develop language skills and academic competency in science simultaneously. Course content is based on state content standards and integrates the state English Language (ELP) standards.

**ENGLISH LANGUAGE DEVELOPMENT: HISTORY & SOCIAL SCIENCES 9TH EN633**  
**ENGLISH LANGUAGE DEVELOPMENT: HISTORY & SOCIAL SCIENCES 10TH EN634**  
**ENGLISH LANGUAGE DEVELOPMENT: HISTORY & SOCIAL SCIENCES 11TH EN635**  
**ENGLISH LANGUAGE DEVELOPMENT: HISTORY & SOCIAL SCIENCES 12TH EN636**

<b>Grades:</b> 9, 10, 11, 12	Up to two semesters	Up to 1 Elective Credit
<b>Prerequisite:</b> Identification as a Pre-Emergent, Emergent, or Basic English Learner by assessment using the Arizona English Language Learner Assessment (AZELLA) scores and less than 2 years of enrollment in a U.S. school.		

This course will introduce students to academic language used in history and social sciences. Instruction will focus on vocabulary, text structures and reading comprehension, along with choices professionals in the field of history and social sciences make when they speak and write. Students will have the opportunity to develop language skills and academic competency in history and social sciences simultaneously. Course content is based on state content standards and integrates the state English Language Proficiency (ELP) standards.

## 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.

*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.*

### AP MUSIC THEORY PA171

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Performance Based Group experience		
<i>May be taken for dual credit.</i>		
<b><i>Elective credit will be issued for this course.</i></b>		

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.***

### UNIFIED MUSIC PA185

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$20.00 per semester		
<i>Elective or Fine Arts credit will be issued for this course.</i>		
<i>This course may be repeated for credit.</i>		

This course will provide inclusive opportunities for all students, creating a collaborative learning community, to explore the fun of music. Students will explore their creativity and find their voice in body, sound, thought and visual cues. All students regardless of ability will gain skills needed to communicate more effectively and forge relationships with peers.

## ORCHESTRA

### CONCERT ORCHESTRA I PA100

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval, large group ensemble experience		
<b>Fee:</b> \$50.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$75.00.</i>		
<i>This course may be repeated for credit.</i>		
<b><i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i></b>		

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.

## CONCERT ORCHESTRA II (CHAMBER) PA101

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval, large group ensemble experience		
<b>Fee:</b> \$50.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$675.00</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## SYMPHONIC STRINGS PA105

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

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.

## SYMPHONY ORCHESTRA PA110

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

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

## GOLDEN STRINGS PA115 (GHS ONLY)

## STROLLING STRINGS PA116 (DRHS & HHS ONLY)

## MESQUITE STRINGS PA117 (MHS ONLY)

## COYOTE STRINGS PA118 (CVHS ONLY)

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Credit
<b>Prerequisite:</b> Audition, application and approval, concurrent enrollment in another orchestra course, and large group ensemble experience		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$25.00.</i>		
<i>Every three or four years, other expenses may be incurred for travel to significant performances.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one-half fine arts credit for Arizona university entrance requirements.</i>		

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.

## BEGINNING GUITAR MU900

<b>Grade:</b> 9,10,11,12	1 Year	1 Credit
<i>Elective or Fine Arts credit will be issued for this course.</i>		

*FA elective credit will be issued for this course.*

Introduction to Guitar is for students who have little or no experience playing guitar or a musical instrument in general. Students will perform beginning solo and ensemble literature for a classroom audience, read simple single-line music, and develop basic guitar techniques. Public performance may be expected. Students must use their own guitar.

## INTERMEDIATE GUITAR

<b>Grade:</b> 9,10,11,12	1 Year	1 Credit
<i>Elective or Fine Arts credit will be issued for this course.</i>		
<i>This course may be repeated for credit.</i>		

This is an elective for intermediate guitarists who have some experience on the instrument and are able to read standard music notation. Students will learn open chords, power chords, moveable chords, single notes (melody) playing, accompaniment techniques, and a variety of playing techniques and styles, including both pick style and fingerstyle approaches to the guitar. This course also includes music fundamentals, theory, songs, performances, listening, improvising, and learning to read standard music notation, as well as tablature. The main focus of this class is ensemble performance. There is also an emphasis on solo classical guitar performance. In addition, students will be required to perform twice each semester and will be encouraged to attend performances. Prerequisites: Successful completion of beginning guitar with at least a B average, or audition. Students must use their own guitar.

## VOCAL

### CHOIR PA120

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$40.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$75.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

### TREBLE CHOIR PA125

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$40.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$75.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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

### ADVANCED TREBLE CHOIR PA130

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Fee:</b> \$40.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$700.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

This intermediate treble 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.

### CONCERT CHOIR PA135

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval, performance experience		
<b>Fee:</b> \$40.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$800.00.</i>		
<i>Every three or four years, other expenses may be incurred for travel to significant performances.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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. Concert performances will be every 9 weeks. Appropriate performance attire will be required.

## ADVANCED VOCAL ENSEMBLE PA140

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Concurrent enrollment in Concert Choir, audition, application and approval		
<b>Fee:</b> \$40.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$650.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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. Concert performances will be every 9 weeks. Appropriate performance attire will be required.

## BASS CHOIR PA145

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$40.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$75.00</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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

## BAND

### VARSITY MARCHING BAND PA151

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Credit
<b>Prerequisite:</b> Concurrent enrollment in Concert Band I or Concert Band II, audition, application and approval		
<b>Fee:</b> \$75.00		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$1250.00.</i>		
<i>Every three or four years, other expenses may be incurred for travel to significant performances.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one-half fine arts credit for Arizona university entrance requirements.</i>		
<i>Upon successful completion of four semesters of Varsity Marching Band, the District requirement for Physical Education will be waived. <b>No partial Physical Education credit may be earned.</b></i>		

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.

### JAZZ BAND I PA155

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Credit	DRHS, MHS
	1 Year	1 Credit	CVHS, GHS, HHS
<b>Prerequisite:</b> 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			
<b>Fee:</b> \$50.00 per semester			
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$350.00.</i>			
<i>This course may be repeated for credit.</i>			
<i>This course will satisfy one or one-half fine arts credit for Arizona university entrance requirements.</i>			

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.

### JAZZ BAND II PA156

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Credit	DRHS, MHS
	1 Year	1 Credit	CVHS, GHS, HHS
<b>Prerequisite:</b> 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			
<b>Fee:</b> \$50.00 per semester			
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$800.00.</i>			
<i>This course may be repeated for credit.</i>			
<i>This course will satisfy one or one-half fine arts credit for Arizona university entrance requirements.</i>			

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.

### CONCERT BAND I PA159

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Satisfactory participation in junior high band, audition, application and approval		
<b>Fee:</b> \$50.00 per semester		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$125.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

### CONCERT BAND II PA160

<b>Grade:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Satisfactory participation in junior high band or Concert Band I, audition, application and approval		
<b>Fee:</b> \$50.00 per semester		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$125.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

### SYMPHONIC BAND PA165

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Fee:</b> \$50.00 per semester		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$800.00.</i>		
<i>Every three or four years, other expenses may be incurred for travel to significant performances.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one-half or one fine arts credit for Arizona university entrance requirements.</i>		

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.

### WIND ENSEMBLE PA170

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Fee:</b> \$50.00 per semester		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$800.00.</i>		
<i>Every three or four years, other expenses may be incurred for travel to significant performances.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one-half or one fine arts credit for Arizona university entrance requirements.</i>		

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.

## THEATRE

### BEGINNING THEATRE ARTS PA175

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$5.00 per semester		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$20.00.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## INTERMEDIATE THEATRE ARTS PA176

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Beginning Theatre Arts, audition, application and approval		
<b>Fee:</b> \$5.00 per semester		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$20.00.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## ADVANCED THEATRE ARTS PA177

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Intermediate Theatre Arts, audition, application and approval		
<b>Fee:</b> \$5.00 per semester		
<i>May be taken for dual credit.</i>		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$20.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## PERFORMANCE THEATRE ARTS PA178

<b>Grade:</b> 11, 12	1 Year	1 Credit
<b>Fee:</b> \$10.00 per semester		
<b>Prerequisite:</b> Successful completion of Advanced Theatre Arts, audition, application and approval		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$20.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## UNIFIED THEATRE ARTS PA179

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$20.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

This course will provide inclusive opportunities for all students, creating a collaborative learning community, while learning various speaking and acting techniques. Students will explore their creativity and find their voice in body, sound, and thought. All students will gain skills needed to communicate more effectively and to forge relationships with peers.

## FINE ARTS-VISUAL

*Unless otherwise noted, all courses in this department will meet the District requirement for Fine Arts credit and Arizona Board of Regents Arizona university entrance requirements.*

## ART SURVEY VA099

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Credit
<b>Fee:</b> \$30.00		
<i>This course will not satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## ART & DESIGN I VA100

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$25.00 per semester		

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.

## ART & DESIGN II - PAINTING VA102

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Art & Design I		
<b>Fee:</b> \$30.00 per semester		
<i>May be taken for dual credit</i>		

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.

## ART & DESIGN II - DRAWING VA103

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Art & Design I		
<b>Fee:</b> \$25.00 per semester		

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.

## AP DRAWING VA104

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Art & Design II Painting or Drawing or application and approval		
<b>Fee:</b> \$40.00 per semester		

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.***

## CARTOONING I VA110

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Art & Design I or application and approval		
<b>Fee:</b> \$20.00 per semester		

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.

## CARTOONING II VA111

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Cartooning I or application and approval		
<b>Fee:</b> \$20.00 per semester		
<i>This course may be repeated for credit.</i>		

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.

## CERAMICS I VA121

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$40.00 per semester		

This course will provide students with basic clay hand-building methods and wheel throwing techniques. Glaze application and various firing techniques will be explored. Students will focus on creating cylinder-formed objects and bowls, and numerous decorative techniques. Students will concentrate on elements and principles of design with an emphasis on 3-D aspects. Students will further understand their own creative process through art criticism.

## CERAMICS II VA122

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Ceramics I or application and approval		
<b>Fee:</b> \$40.00 per semester		
<i>This course may be repeated for credit.</i>		

This course will provide students with an in-depth study of ceramics, including more advanced throwing and hand-building and sculpting techniques. This course will also introduce glaze formulation and decoration. 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.

## 3-D ART I VA125

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$30.00 per semester		

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.

## 3-D ART II VA126

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> 3-D Art I or application and approval		
<b>Fee:</b> \$30.00 per semester		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		

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.

## AP 3-D ART AND DESIGN VA128

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Two years of art courses which could include the following: 3-D Art I/II; Ceramics I/II/Metals I/II or application and approval		
<b>Fee:</b> \$45.00 per semester		
<i>This course may be repeated for credit.</i>		

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.***

## PHOTO IMAGING I VA141

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$40.00 per semester		

This course will introduce the use of manually adjusted cameras, and the development of black and white film, including developing, retouching, and printing of student photographs. Other topics will include digital photography, darkroom printing techniques, and imaging software. Students will begin to explore various aesthetic domains such as portraiture, landscape, architecture, and documentary photography.

## PHOTO IMAGING II VA142

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Photo Imaging I		
<b>Fee:</b> \$40.00 per semester		
<i>May be taken for dual credit.</i>		
<i>This course may be repeated for credit.</i>		

This course will place emphasis on production of a college-level portfolio and introduce color, large format, and advanced techniques. It will provide students the opportunity to complete independent contracts or assignments. Topics will be selected through student consultation with the instructor.

## METALS/JEWELRY I VA160

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$45.00 per semester		
<i>This course is taught at Gilbert High School and Mesquite High School, but is open to students from all Gilbert Public Schools.</i>		

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 of metals and related materials..

## METALS/JEWELRY II VA161

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Metals/Jewelry I		
<b>Fee:</b> \$45.00 per semester		
<i>This course is taught at Gilbert High School and Mesquite High school, but is open to students from all Gilbert Public Schools.</i>		

This course will incorporate advanced fabrication techniques, which could include fusing, reticulation, etching, inlay, lapidary, bezel-setting and advanced metal piercing. Students will have the opportunity to design more complex metal and casting projects by incorporating advanced fabrication techniques. Metal sculpture will also be introduced.

## AP ART HISTORY VA170

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<i>May be taken for dual credit.</i>		
<i>This course will not satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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

## HISTORY AND SOCIAL SCIENCES

### WORLD HISTORY AND GEOGRAPHY SS100

<b>Grade:</b> 9, 10	1 Year	1 Credit
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This 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.

### WORLD HISTORY AND GEOGRAPHY/ENGLISH II SS201/EN201

**TWO-HOUR BLOCK**

<b>Grade:</b> 10	1 Year	2 Credits
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This course will combine the focus of World History and Geography/English II through a 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 History and Geography and English II. 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 argumentative claims. Further acquisition of skills, such as analysis of sources, author's purpose and audience, and use of credible evidence to support claims and positions will be emphasized.

## AP WORLD HISTORY: MODERN SS101

Grade: 10, 11, 12	1 Year	1 Credit-Weighted Grade
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This course will examine significant events, individuals, developments, and processes from 1200 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. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.***

## AMERICAN/ARIZONA HISTORY SS105

Grade: 11	1 Year	1 Credit
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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.

## AMERICAN/ARIZONA HISTORY/ENGLISH III SS301/EN301

**TWO HOUR BLOCK**

Grade: 11	1 Year	2 Credits
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This course will combine the focus of American/Arizona History English III and through a thematic and cross-curricular perspective. This course is taught by two teachers, one from each discipline. Reading selections include both fiction and nonfiction and will represent authors and events in U.S history. The class will tie closely to the scope and sequence of US.History and English III. Both disciplines will focus on the critical literacy skills of evaluation of primary and secondary sourcing through the development of specific claims, assessing validity, relevance, and sufficiency in making logical argumentative claims in research-driven projects.

## AP UNITED STATES HISTORY SS106

Grade: 11, 12	1 Year	1 Credit-Weighted Grade
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*May be taken for dual credit*

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

## ECONOMICS SS110

Grade: 12	1 Semester	1/2 Credit
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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. Emphasis will also focus on interpreting and analyzing data sets, such as tables, charts, graphs, maps, and infographics.

## AP MICROECONOMICS SS112

Grade: 12	1 Semester	1/2 Credit-Weighted Grade
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This course will focus on the principles of economics that apply to the functions of individual economic decision-makers. This introductory college level course places particular emphasis on the study of the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. 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.***

## AP MACROECONOMICS SS113

Grade: 12	1 Semester	1/2 Credit-Weighted Grade
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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.***

## PERSONAL FINANCE SS109

Grade: 12	1 Semester	1/2 Credit
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*This course will meet the District graduation requirement for Economics.*

This course will explore the principles and practices of personal and family financial planning, including savings, budgeting, credit, buying versus renting, general principles of consumerism, and principles of economics.

## THE STOCK MARKET SS111

Grade: 12	1 Semester	1/2 Credit
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*This course will meet the District graduation requirement for Economics.*

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. Topics will include supply and demand, profit and loss, capital, business cycles, productivity, circular flow, market economy, saving, unemployment and the Federal Reserve Bank.

## AMERICAN/ARIZONA GOVERNMENT SS115

Grade: 12	1 Semester	1/2 Credit
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This course will introduce students 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,

## AP COMPARATIVE GOVERNMENT AND POLITICS SS114

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

## AP UNITED STATES GOVERNMENT AND POLITICS SS116

Grade: 12	1 Semester	1/2 Credit-Weighted Grade
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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. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.***

## WE THE PEOPLE SS118

Grade: 11, 12	1 Semester	1/2 Credit-Weighted Grade
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*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 21<sup>st</sup> century. Students will participate in a simulated congressional hearing as a culminating activity.

## GOVERNMENT/ECONOMICS SS123

<b>Grade:</b> 12	1 Year	1 Credit
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*This course is a year-long commitment. District graduation requirements for Government and Economics will only be issued upon completion of the entire year.*

This course will combine the curriculum of American/Arizona Government and Economics into a one year course, using a sequence that intentionally creates connections in order to appropriately coordinate the overlap between the two subjects and deepen understanding. The course will be taught in thematic units, while integrating an interdisciplinary approach, focusing on research and writing skills. Students will engage in simulations, Socratic seminars, and research-based projects that analyze the role of government in the economy. Historical and contemporary issues will be analyzed from a constitutional and economic perspective.

## AP GOVERNMENT/ AP MACROECONOMICS SS124

<b>Grade:</b> 12	1 Year	1 Credit-Weighted Grade
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*This course is a year-long commitment. District graduation requirements for Government and Economics will only be issued upon completion of the entire year.*

This course will combine the curriculum of AP American Government & Politics and AP Macroeconomics or AP Microeconomics into a one year course. The course will be taught in thematic units, while integrating an interdisciplinary approach, focusing on research and writing skills. Students will engage in simulations, Socratic seminars, and research based projects that analyze the role of government in the economy. Historical and contemporary issues will be analyzed from a constitutional and economic perspective. This course will also focus on interpreting and analyzing data sets, tables, charts, graphs, maps, and infographics. **This course is designed to prepare students to successfully complete both the Advanced Placement Exams for US Government & Politics and Macroeconomics in May.**

## RESPECT/WORK EXPERIENCE SS400/SS401

**RESPECT CLASS and RESPECT WORK are to be taken concurrently.**

<b>Grade:</b> 12	1 Year	3 Credits
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*This course will meet District graduation requirements for Government and Economics.  
Two elective or two CTE credits will be issued for the work portion of the course.  
This course **will not** meet the NCAA requirements for History and Social Sciences.  
This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.*

This course will combine both the Government and Economics curriculums into a year long course. Government class will engage students in key concepts such as Foundations and Branches of Government, Lawmaking, Citizenship, Federalism, and the system of checks and balances. Economics will include units on Financial Literacy, Personal Finance, Budgeting, Credit, and the Stock Market. Students will engage in simulation, discussion, and projects integrating reading, writing, and research skills that will analyze both our Government and our Economy. Work experience will connect with Economic and Government standards through topics such as work preferences, applying for jobs, interview skills, taxes, and setting career goals. Part-time employment, volunteer work, and/or community service is required as part of this course. **Class may be taken only upon teacher approval.**

## HISTORY AND SOCIAL SCIENCES CONNECTIONS I SS161

<b>Grade:</b> 9	1 Year	1 Credit
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This course provides students with a hands-on, concrete approach to History and Social Sciences based on the Arizona History and Social Science Standards. Individualized instruction may be used to connect the most important concepts (i.e., World History, US History, Gov/Econ) and skills based on grade-level standards. Class may be taken only upon teacher approval.

## HISTORY AND SOCIAL SCIENCES CONNECTIONS II SS162

<b>Grade:</b> 10	1 Year	1 Credit
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This course provides students with a hands-on, concrete approach to History and Social Sciences based on the Arizona History and Social Science Standards. Individualized instruction may be used to connect the most important concepts (i.e., World History, US History, Gov/Econ) and skills based on grade-level standards. Class may be taken only upon teacher approval.

## HISTORY AND SOCIAL SCIENCES CONNECTIONS III SS163

<b>Grade:</b> 11	1 Year	1 Credit
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This course provides students with a hands-on, concrete approach to History and Social Sciences based on the Arizona History and Social Science Standards. Individualized instruction may be used to connect the most important concepts (i.e., World History, US History, Gov/Econ) and skills based on grade-level standards. Class may be taken only upon teacher approval.



## HISTORY AND SOCIAL SCIENCES CONNECTIONS IV SS164

Grade: 12	1 Year	1 Credit
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This course provides students with a hands-on, concrete approach to History and Social Sciences based on the Arizona History and Social Science Standards. Individualized instruction may be used to connect the most important concepts (i.e., World History, US History, Gov/Econ) and skills based on grade-level standards. Class may be taken only upon teacher approval.

## PRACTICAL CONNECTIONS OF HISTORY AND SOCIAL SCIENCES I SS165

Grade: 9	1 Year	1 Credit
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This course provides students with a hands-on, concrete approach to History and Social Sciences based on the Arizona History and Social Science Standards. Individualized instruction may be used to connect the most important concepts (i.e.: World History, US History, Gov/Econ) and skills based on grade-level standards. **Class may be taken only upon teacher approval.**

## PRACTICAL CONNECTIONS OF HISTORY AND SOCIAL SCIENCES II SS166

Grade: 10	1 Year	1 Credit
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This course provides students with a hands-on, concrete approach to History and Social Sciences based on the Arizona History and Social Science Standards. Individualized instruction may be used to connect the most important concepts (i.e.: World History, US History, Gov/Econ) and skills based on grade-level standards. **Class may be taken only upon teacher approval.**

## PRACTICAL CONNECTIONS OF HISTORY AND SOCIAL SCIENCES III SS167

Grade: 11	1 Year	1 Credit
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This course provides students with a hands-on, concrete approach to History and Social Sciences based on the Arizona History and Social Science Standards. Individualized instruction may be used to connect the most important concepts (i.e.: World History, US History, Gov/Econ) and skills based on grade-level standards. **Class may be taken only upon teacher approval.**

## PRACTICAL CONNECTIONS OF HISTORY AND SOCIAL SCIENCES IV SS168

Grade: 12	1 Year	1 Credit
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This course provides students with a hands-on, concrete approach to History and Social Sciences based on the Arizona History and Social Science Standards. Individualized instruction may be used to connect the most important concepts (i.e.: World History, US History, Gov/Econ) and skills based on grade-level standards. **Class may be taken only upon teacher approval.**

## AP EUROPEAN HISTORY SS107

Grades: 11, 12	1 Year	1 Credit-Weighted Grade
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*May be taken for dual credit*

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

This course will examine European History from 1450 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.***

## AP HUMAN GEOGRAPHY SS108

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

## AP PSYCHOLOGY SS142

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<i>May be taken for dual credit.</i>		
<b><i>Elective credit will be issued for this course.</i></b>		

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

## CRIMINAL JUSTICE SS120

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b><i>Elective credit will be issued for this course.</i></b>		

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. Students will study the criminal trial process and how courtrooms run through mock trials. An examination of basic forensic techniques and practices will be included. Students will examine laws in the United States and around the world, and explore career opportunities in the criminal justice field.

## POPULAR AMERICAN MUSIC SS155

<b>Grades:</b> 10, 11, 12	1 Semester	1/2 Credit
<b><i>Elective credit will be issued for this course.</i></b>		

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.

## PSYCHOLOGY SS140

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b><i>Elective credit will be issued for this course.</i></b>		

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

## SOCIOLOGY SS135

<b>Grades:</b> 11, 12	1 Semester	1/2 Credit
<b><i>Elective credit will be issued for this course.</i></b>		

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.

## MATHEMATICS

Arizona graduation requirements include 4 years of math which shall consist of Algebra I, Geometry, Algebra II (or its equivalent), and an additional math course. The following courses meet these requirements.

### ALGEBRA I MA211

<b>Grades:</b> 9	1 Year	1 Credit
<i>This course must be taken to fulfill math graduation requirements.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

## HONORS ALGEBRA I MA212

<b>Grades:</b> 9	1 Year	1 Credit-Weighted Grade
<i>This course must be taken to fulfill math graduation requirements.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

## ESSENTIALS OF ALGEBRA I MA213

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>This course must be taken to fulfill math graduation requirements.</i>		

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. **Class may be taken only upon teacher approval.**

## GEOMETRY MA307

<b>Grades:</b> 9, 10	1 Year	1 Credit
<b>Prerequisite:</b> Algebra I		
<i>This course must be taken to fulfill math graduation requirements.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

## HONORS GEOMETRY MA308

<b>Grades:</b> 9, 10	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Algebra I		
<i>This course must be taken to fulfill math graduation requirements.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

## ESSENTIALS OF GEOMETRY MA312

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Essentials of Algebra I or Algebra I		
<i>This course must be taken to fulfill math graduation requirements.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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. **Class may be taken only upon teacher approval.**

## INTERMEDIATE ALGEBRA MA314

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Algebra I, Geometry		
<i>This course, Algebra II, or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements.</i>		
<i>Students can only receive a Math credit for Intermediate Algebra or Algebra II, not both.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

## ESSENTIALS OF INTERMEDIATE ALGEBRA MA315

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Algebra I or Essentials of Algebra I, Geometry or Essentials of Geometry		

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. **Class may be taken only upon teacher approval.**

## ALGEBRA II MA425

<b>Grades:</b> 10, 11	1 Year	1 Credit
<b>Prerequisite:</b> Algebra I (recommended C or better), Geometry		
<i>This course, Intermediate Algebra or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements.</i>		
<i>Students can only receive a Math credit for Intermediate Algebra or Algebra II, not both.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

## HONORS ALGEBRA II MA426

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Honors Algebra I (recommended C or better) Honors Geometry, placement may be based on recommendation and review		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

## COLLEGE MATHEMATICS MA408

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Algebra II or Intermediate Algebra		
<i>May be taken for dual credit.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		
<i>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.</i>		

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.

## COLLEGE ALGEBRA MA409

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Algebra II or Intermediate Algebra		
<i>May be taken for dual credit.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

### PRE-CALCULUS MA410

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Algebra II		
<i>May be taken for dual credit.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

This course will cover analysis and interpretation of the behavior and nature of functions including polynomial, absolute value, rational, radical, exponential, logarithmic, logistic, power, trigonometric, and piecewise functions with an emphasis on modeling and solving real world problems. In addition, it will include a study of circular functions, the unit circle, triangle measurements, trigonometric identities and vectors.

### AP STATISTICS MA414

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Algebra II		
<i>May be taken for dual credit.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.***

### SPORTS STATISTICS MA422

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Algebra II or equivalent		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.

### AP PRE-CALCULUS MA415

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Completion of Honors Algebra II, placement may be based on recommendation and review		
<i>May be taken for dual credit.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

This course will conduct an in-depth analysis and interpretation of the behavior and nature of functions including polynomial, absolute value, rational, radical, exponential, logarithmic, logistic, power, trigonometric, and piecewise functions with an emphasis on modeling and solving real world problems. In addition, it will include a study of circular functions, the unit circle, triangle measurements, trigonometric identities and vectors. These concepts will be developed through mathematical practices for AP Precalculus: (1) Procedural and symbolic fluency; (2) Multiple representations; (3) Communication and reasoning. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.***

### AP CALCULUS AB MA416

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Pre-Calculus or application and approval.		
<i>May be taken for dual credit.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

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.***

### AP CALCULUS BC MA417

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Honors Pre-Calculus or application and approval <i>May be taken for dual credit.</i> <i>This course fulfills Arizona university entrance requirements.</i>		

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.***

### CALCULUS III/ DIFFERENTIAL EQUATIONS MA427

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> AP Calculus BC <i>May be taken for dual credit.</i>		

This course will include the study of vector-valued functions of several variables, multiple integration and is an introduction to vector analysis, will examine ordinary differential equations with applications including Laplace transformations with numerical methods.

### FINANCIAL APPLICATIONS FOR LIFE MA505

<b>Grades:</b> 11, 12	1 Year	1 Credit
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This course will introduce valuable financial management skills. Topics will include the principles of savings, budgeting, debt, consumer awareness, education and career choices, taxes, investing, 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.

### ESSENTIALS OF FINANCIAL APPLICATIONS FOR LIFE MA506

<b>Grades:</b> 11, 12	1 Year	1 Credit
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This course will introduce valuable financial management skills. Topics will include the principles of savings, budgeting, debt, consumer awareness, education and career choices, taxes, investing, 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. **Class may be taken only upon teacher approval.**

### MATH CONNECTIONS I MA320

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will teach basic math operations to include computational skills, fractions, decimals, time, and money. In addition, emphasis will be placed on applying math vocabulary, problem-solving, banking, and budgeting skills required for daily living. Individualized instruction may be used to align with Core Content Connectors (i.e., Alg I, Geometry, Financial Apps). **Class may be taken only upon teacher approval.**

### MATH CONNECTIONS II MA321

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will teach basic math operations to include computational skills, fractions, decimals, time, and money. In addition, emphasis will be placed on applying math vocabulary, problem-solving, banking, and budgeting skills required for daily living. Individualized instruction may be used to align with Core Content Connectors (i.e., Alg I, Geometry, Financial Apps). **Class may be taken only upon teacher approval.**

### MATH CONNECTIONS III MA322

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will teach basic math operations to include computational skills, fractions, decimals, time, and money. In addition, emphasis will be placed on applying math vocabulary, problem-solving, banking, and budgeting skills required for daily living. Individualized instruction may be used to align with Core Content Connectors (i.e., Alg I, Geometry, Financial Apps). **Class may be taken only upon teacher approval.**

### **MATH CONNECTIONS IV MA323**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will teach basic math operations to include computational skills, fractions, decimals, time, and money. In addition, emphasis will be placed on applying math vocabulary, problem-solving, banking, and budgeting skills required for daily living. Individualized instruction may be used to align with Core Content Connectors (i.e., Alg I, Geometry, Financial Apps). **Class may be taken only upon teacher approval.**

### **PRACTICAL CONNECTIONS OF MATH I MA330**

<b>Grade:</b> 9	1 Year	1 Credit
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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. Individualized instruction will be aligned to Core Content standards (ie. Alg I, Geometry, Financial Apps). **Class may be taken only upon teacher approval.**

### **PRACTICAL CONNECTIONS OF MATH II MA331**

<b>Grade:</b> 10	1 Year	1 Credit
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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. Individualized instruction will be aligned to Core Content standards (ie. Alg I, Geometry, Financial Apps). **Class may be taken only upon teacher approval.**

### **PRACTICAL CONNECTIONS OF MATH III MA332**

<b>Grade:</b> 11	1 Year	1 Credit
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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. Individualized instruction will be aligned to Core Content standards (ie. Alg I, Geometry, Financial Apps). **Class may be taken only upon teacher approval.**

### **PRACTICAL CONNECTIONS OF MATH IV MA333**

<b>Grade:</b> 12	1 Year	1 Credit
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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. Individualized instruction will be aligned to Core Content standards (ie. Alg I, Geometry, Financial Apps). **Class may be taken only upon teacher approval.**

## **PHYSICAL EDUCATION**

### **PHYSICAL EDUCATION PE100/PE101**

<b>Grades:</b> 9, 10, 11	1 Year	1 Credit
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**Supplies Needed:** Combination lock, appropriate Physical Education uniform

*This course may be repeated for credit.*

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.

### **BEGINNING DANCE PE105**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**Supplies Needed:** Leotard, dance/athletic pants, 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 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.

## INTERMEDIATE DANCE I PE106

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Supplies Needed:</b> Leotard, dance/athletic pants, shoes, combination lock		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## INTERMEDIATE DANCE II PE116

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Supplies Needed:</b> Leotard, dance/athletic pants, shoes, combination lock		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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

## ADVANCED DANCE PE107

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Supplies Needed:</b> Leotard, dance/athletic pants, shoes, combination lock		
<i>Costume costs may be incurred, not to exceed \$200.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## DANCEWORKS COMPANY PE108 (GHS ONLY)

## ONE IMAGE DANCE COMPANY PE109 (HHS ONLY)

## BEYOND MOTION DANCE COMPANY PE110 (MHS ONLY)

## PULSE DANCE COMPANY PE111 (DRHS ONLY)

## SOULMATIC RHYTHM DANCE COMPANY PE112 (CVHS ONLY)

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Supplies Needed:</b> Leotard, dance/athletic pants, shoes, combination lock		
<i>Costume costs may be incurred, not to exceed \$200.00.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## BEGINNING ATHLETIC MOVEMENT PE113

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> Athletic shirt and pants, shorts, shoes, combination lock		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

This course will include an introduction to various athletic forms of movement/dance and is designed for the 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.



## INTERMEDIATE ATHLETIC MOVEMENT PE114

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Beginning Athletic Movement		
<b>Supplies Needed:</b> Athletic shirt and pants, shorts, shoes, combination lock		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## UNIFIED DANCE PE115

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> Leotard, dance/athletic pants, shoes, combination lock		
<i>This course may be repeated for credit.</i>		
<i>This course will satisfy one elective credit for Arizona university entrance requirements.</i>		

This course will provide inclusive opportunities for all students, creating a collaborative learning community, 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.

## YOGA FITNESS TRAINING I PE201

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> 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.

## YOGA FITNESS TRAINING II PE202

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Yoga Fitness Training I		
<b>Supplies Needed:</b> Yoga pants, fitted shirt, athletic shoes, socks, combination lock and personal mat		
<i>This course may be repeated for credit.</i>		

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.

## RACQUET AND INDIVIDUAL SPORTS PE210

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> Physical Education uniform, combination lock		
<i>This course may be repeated for credit.</i>		

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.

## TOTAL FITNESS PE214

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform		
<i>This course may be repeated for credit.</i>		

This course will include alternating days of cardiovascular activities, flexibility, and strength training. It is designed to strengthen the cardiovascular system, increase muscular strength, and endurance. It will promote flexibility and balance through stretching and toning. Circuit training, running, lifting weights, and resistance training will be used to improve overall health and well-being.

## TEAM SPORTS PE215

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform		
<i>This course may be repeated for credit.</i>		

This course will provide an opportunity for students who have a high level of interest and skill in team sports to participate in offerings such as softball, volleyball, soccer, flag football, basketball and other sports. The health-related physical fitness test is administered twice each semester. This class is not AIA competitive.

### **INTRODUCTORY WEIGHT TRAINING PE220/PE221**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform		
<i>This course may be repeated for credit.</i>		

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.

### **ADVANCED WEIGHT TRAINING PE225**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Introductory Weight Training or Introductory Sports Training		
<b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform		
<i>This course may be repeated for credit.</i>		

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

### **INTRODUCTORY SPORTS TRAINING PE229**

<b>Grades:</b> 9, 10, 11	1 Year	1 Credit
<b>Prerequisite:</b> Application and approval		
<b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform		
<i>This course may be repeated for credit.</i>		

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.

### **ADVANCED SPORTS TRAINING PE230**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Application and approval		
<b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform		
<i>Elective or CTE/FA4 credit will be issued for this course.</i>		
<i>This course may be repeated for credit.</i>		

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.

### **ADAPTIVE PHYSICAL EDUCATION PE400**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Written documentation from a medical doctor		
<b>Recommended Supplies:</b> Physical Education uniform, combination lock		
<i>This course may be repeated for credit.</i>		

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.

### **UNIFIED PHYSICAL EDUCATION PE401**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Recommended Supplies:</b> Physical Education uniform, combination lock		
<i>This course may be repeated for credit.</i>		

This course will provide inclusive opportunities for all students, creating a collaborative learning community, in a daily physical education class. This class matches PE across grade levels to benefit all students involved.

## SCIENCE

Arizona's Academic Standards integrate three interconnected dimensions of science learning to make sense of the natural world and understand how science and engineering are practiced and experienced. The 3-dimensions:

**Disciplinary core ideas** which develop learning progressions to coherently and logically build scientific literacy.

**Crosscutting concepts** which are ways to strengthen and support sense making and problem solving through a lens to gather evidence and support connections between contexts and disciplines.

**Science and Engineering Practices** which explore, examine and explain how and why phenomena occur and how to design solutions to problems.

In this three-dimensional learning, students will ask questions, gather information, reason about that information and connect it to scientific principles, analyze and interpret data to support or defend scientific claims, and build their research, communication, and analytical thinking skills to be able to effectively communicate their understanding and reasoning.

### BIOLOGY SC120

<b>Grades:</b> 9	1 Year	1 Credit
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*This course will satisfy one biological lab science credit for Arizona university entrance requirements.*

This lab-oriented course is designed to cover the interactions of living organisms, how matter and energy flow through the environment, cell structure, function and processes, the molecular basis of heredity, biological evolution, biodiversity, and the interconnectedness of life on Earth.

### HONORS BIOLOGY SC121

<b>Grades:</b> 9	1 Year	1 Credit-Weighted Grade
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**Prerequisite:** Placement may be based on recommendation and review.  
*This course will satisfy one biological lab science credit for Arizona university entrance requirements.*

This rigorous lab-oriented course exposes students to an accelerated introductory biology course and provides a high degree of enrichment. Critical reading, writing, and problem-solving skills will be applied to inquiry-based studies. Topics include the dynamic relationships among organisms, how matter and energy flow through the environment, biochemical life processes, cellular organization, mechanisms of inheritance, biodiversity, and organisms' change through time.

### CHEMISTRY SC135

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

This lab credit course will examine the principles and applications of chemistry. Topics include the structures and properties of matter, chemical reactions, stoichiometry, gasses, solutions, acids and bases. These interactions are investigated through laboratory techniques, problem-solving applications and critical thinking.

### HONORS CHEMISTRY SC136

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
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**Prerequisite:** Concurrent enrollment in Geometry or higher  
*This course will satisfy one chemistry science credit for Arizona university entrance requirements.*

This is a rigorous lab-oriented course designed to expose students to an accelerated introductory chemistry course. This course will emphasize the experimental method, critical thinking and enrichment research activities. Topics include energy and matter, atomic structure, chemical bonding and reactions, thermochemistry, gas laws, acids and bases, equilibrium, and stoichiometry.

### PHYSICS SC150

<b>Grades:</b> 11, 12	1 Year	1 Credit
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**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 include kinematics, forces, energy, momentum, electricity and waves. This lab-oriented course will also integrate earth and space science as well as basic chemistry into investigations.

## **ANATOMY AND PHYSIOLOGY SC145**

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Biology or application and approval <i>May be taken for dual credit.</i> <i>This course will satisfy one biological lab science credit for Arizona university entrance requirements.</i>		

This lab-oriented course provides students with a better understanding of how their bodies work. Students will investigate the structure and function of cells, tissues, body systems and the mechanisms for maintaining homeostasis. Students will also examine careers in the medical and healthcare fields. This course may include dissection.

## **EARTH SCIENCE SC115**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>This course will satisfy one earth science credit for Arizona university entrance requirements.</i>		

This course digs in to discover and explain natural phenomena on Earth and in space through chemistry and physics concepts. Major topics include geologic structures and functions, the dynamic and interrelated systems of the Earth, weather and climate, natural resources, map reading, and astronomy.

## **ENVIRONMENTAL SCIENCE SC130**

<b>Grades:</b> 11, 12	1 Year	1 Credit
<i>This course will satisfy one integrated science credit for Arizona university entrance requirements.</i>		

This course is designed to understand the interactions between Earth's natural systems and the impact of human activities on the planet. It will help deepen the understanding of the environment and its sustainability. This course incorporates many aspects of biology, earth and the fundamental principles of chemistry and physics. Topics include: endangered species, population ecology, environmental health, pollution, alternative energy sources, and new technologies.

## **MARINE BIOLOGY (OCEANOGRAPHY) SC132**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Biology <i>May be taken for dual credit.</i> <i>This course will satisfy one biological credit for Arizona university entrance requirements.</i>		

This course dives into the study of marine organisms and their interactions with the environment. Topics include the history and physical characteristics of the ocean, sea floor spreading, life cycle of an island, winds and the Coriolis effect, water chemistry, salinity, and the ecology of ocean zones and communities. Organisms will be explored through microscopy, dissection, and modeling.

## **ASTRONOMY SC116**

<b>Grades:</b> 11, 12	1 Year	1 Credit
<i>This course will satisfy one physics credit for Arizona university entrance requirements.</i>		

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.

## **AP ANATOMY AND PHYSIOLOGY SC147**

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Biology and Chemistry, may be taken before, after or concurrently with AP Biology. <i>May be taken for dual credit.</i> <i>This course will satisfy one biological lab science credit for Arizona university entrance requirements.</i>		

AP Anatomy and Physiology will offer students an in-depth exploration of the structures and functions of the human body across levels of organization: cells, tissues, organs, and systems. Students will engage with multiple representations of the human body, including anatomical diagrams, medical imaging and histology, animal or virtual dissection, and other laboratory investigations and technologies. Students will learn to reason and communicate effectively about the development and function of anatomical structures, physiological processes, and body systems, as well as how they work together to maintain health and homeostasis. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.***

## AP BIOLOGY SC122

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Algebra I <i>May be taken for dual credit.</i> <i>This course will satisfy one biological lab science credit for Arizona university entrance requirements.</i>		

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

## AP CHEMISTRY SC137

<b>Grade:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Concurrent enrollment in Algebra II or higher, Chemistry <i>May be taken for dual credit.</i> <i>This course will satisfy one chemistry science credit for Arizona university entrance requirements.</i>		

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The AP Chemistry course is designed to be equivalent to the general chemistry course usually taken during the first college year. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

## AP PHYSICS 1: ALGEBRA - BASED SC151

<b>Grades:</b> 11, 12	1 Year	1 Credit Weighted Grade
<b>Prerequisite:</b> Two years of Lab Science and concurrent enrollment in Algebra II or higher <i>May be taken for dual credit.</i> <i>This course will satisfy one physics credit for Arizona university entrance requirements.</i>		

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion. This course will provide the equivalent to the **first semester** of algebra based college physics. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

## AP PHYSICS 2: ALGEBRA - BASED SC152

<b>Grades:</b> 11, 12	1 Year	1 Credit Weighted Grade
<b>Prerequisite:</b> Physics or AP Physics 1, and Algebra II or higher <i>May be taken for dual credit.</i> <i>This course will satisfy one physics credit for Arizona university entrance requirements.</i>		

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. This course will provide the equivalent to the **second semester** of algebra based college physics. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

## AP PHYSICS C: MECHANICS SC153

<b>Grades:</b> 11, 12	1 Year	1 Credit Weighted Grade
<b>Prerequisite:</b> Completion or concurrent enrollment in Calculus AB or BC <i>This course will satisfy one physics credit for Arizona university entrance requirements.</i>		

AP Physics C: Mechanics is a calculus-based, college-level physics course. It covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

## AP PHYSICS C: ELECTRICITY AND MAGNETISM SC154

<b>Grades:</b> 11, 12	1 Year	1 Credit Weighted Grade
<b>Prerequisite:</b> Completion of a Physics class, completion or concurrent enrollment in Calculus AB or BC or application and approval <i>This course will satisfy one physics credit for Arizona university entrance requirements.</i>		

AP Physics C: Electricity and Magnetism is a calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. **This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.**

## AP ENVIRONMENTAL SCIENCE SC131

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
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**Prerequisite:** Concurrent enrollment in Algebra II, and completion of two Lab Science courses.

*May be taken for dual credit.*

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

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.***

## SCIENCE CONNECTIONS I SC155

<b>Grades:</b> 9	1 Year	1 Credit
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This course will emphasize vocabulary development, reading comprehension, and understanding of the scientific method through a hands-on approach based on the Arizona Science Standards, including Earth Science, Astronomy, Life Science, Ecology. Individualized instruction may be used to connect essential concepts and skills linked to grade-level standards. **Class may be taken only upon teacher approval.**

## SCIENCE CONNECTIONS II SC156

<b>Grades:</b> 10	1 Year	1 Credit
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This course will emphasize vocabulary development, reading comprehension, and understanding of the scientific method through a hands-on approach based on the Arizona Science Standards, including Earth Science, Astronomy, Life Science, Ecology. Individualized instruction may be used to connect essential concepts and skills linked to grade-level standards. **Class may be taken only upon teacher approval.**

## SCIENCE CONNECTIONS III SC157

<b>Grades:</b> 11	1 Year	1 Credit
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This course will emphasize vocabulary development, reading comprehension, and understanding of the scientific method through a hands-on approach based on the Arizona Science Standards, including Earth Science, Astronomy, Life Science, Ecology. Individualized instruction may be used to connect essential concepts and skills linked to grade-level standards. **Class may be taken only upon teacher approval.**

## SCIENCE CONNECTIONS IV SC158

<b>Grades:</b> 12	1 Year	1 Credit
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This course will emphasize vocabulary development, reading comprehension, and understanding of the scientific method through a hands-on approach based on the Arizona Science Standards, including Earth Science, Astronomy, Life Science, Ecology. Individualized instruction may be used to connect essential concepts and skills linked to grade-level standards. **Class may be taken only upon teacher approval.**

## PRACTICAL CONNECTIONS OF SCIENCE I SC159

<b>Grade:</b> 9	1 Year	1 Credit
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This course will emphasize vocabulary development, reading comprehension, and understanding of the scientific method through a hands-on approach based on the Arizona Science Standards, including Earth Science, Astronomy, Life Science, Ecology. Individualized instruction may be used to connect the most important concepts and skills linked to grade-level standards. **Class may be taken only upon teacher approval.**

## PRACTICAL CONNECTIONS OF SCIENCE II SC160

<b>Grade:</b> 10	1 Year	1 Credit
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This course will emphasize vocabulary development, reading comprehension, and understanding of the scientific method through a hands-on approach based on the Arizona Science Standards, including Earth Science, Astronomy, Life Science, Ecology. Individualized instruction may be used to connect the most important concepts and skills linked to grade-level standards. **Class may be taken only upon teacher approval.**

## PRACTICAL CONNECTIONS OF SCIENCE III SC161

<b>Grade:</b> 11	1 Year	1 Credit
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This course will emphasize vocabulary development, reading comprehension, and understanding of the scientific method through a hands-on approach based on the Arizona Science Standards, including Earth Science, Astronomy, Life Science, Ecology. Individualized instruction may be used to connect the most important concepts and skills linked to grade-level standards. **Class may be taken only upon teacher approval.**

## **PRACTICAL CONNECTIONS OF SCIENCE IV SC162**

<b>Grade:</b> 12	1 Year	1 Credit
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This course will emphasize vocabulary development, reading comprehension, and understanding of the scientific method through a hands-on approach based on the Arizona Science Standards, including Earth Science, Astronomy, Life Science, Ecology. Individualized instruction may be used to connect the most important concepts and skills linked to grade-level standards. **Class may be taken only upon teacher approval.**

## **WORLD LANGUAGES**

Upon successful completion of four-years of the same world language, CTE/FA4 credit will be issued.

### **AMERICAN SIGN LANGUAGE (ASL) I FL609**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will introduce the basics of American Sign Language and deaf culture. Students will build proficiency in the three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills. The concepts are taught through a variety of cultural themes, authentic resources and instructional techniques. Students will be expected to actively use their language skills each day to build proficiency - signing and interpreting authentic language.

### **AMERICAN SIGN LANGUAGE (ASL) II FL610**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
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**Prerequisite:** Successful completion of American Sign Language I or proficiency.

*May be taken for dual credit.*

This course will continue to develop students' skills in ASL in all three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills. Cultural competence will also continue through the use of authentic resources and cultural themes. Students will be expected to actively use their language skills each day to build proficiency - signing and interpreting authentic language.

### **AMERICAN SIGN LANGUAGE (ASL) III FL611**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
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**Prerequisite:** Successful completion of American Sign Language II or proficiency.

*May be taken for dual credit.*

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. Emphasis will be placed on real-world application of language skills, according to Arizona and national standards. Cultural competence will also continue through the use of authentic resources and cultural themes. Students will be expected to actively use their language skills each day to build proficiency - signing and interpreting authentic language. ASL is used almost exclusively in the class by both the teacher and the students.

### **AMERICAN SIGN LANGUAGE (ASL) IV FL612**

<b>Grades:</b> 12	1 Year	1 Credit
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**Prerequisite:** Successful completion of American Sign Language III or proficiency.

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, according to Arizona and national standards. 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.

### **FRENCH I FL209**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will introduce the basics of French language and culture. Students will build proficiency in the three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills. The concepts are taught through a variety of cultural themes, authentic resources and instructional techniques. Students will be expected to actively use their language skills each day to build proficiency - speaking, reading, writing and listening to authentic language.

### **FRENCH II FL210**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**Prerequisite:** Successful completion of French I or proficiency.

This course will continue to develop students' skills in French in all three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills. Cultural competence will also continue through the use of authentic resources and cultural themes. Students will be expected to actively use their language skills each day to build proficiency - speaking, reading, writing and listening to authentic language.

### **FRENCH III FL211**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
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**Prerequisite:** Successful completion of French II or proficiency.

*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, according to Arizona and national standards. 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 French-speaking world through use of authentic resources and technology.

### **AP FRENCH LANGUAGE AND CULTURE FL214**

<b>Grade:</b> 11, 12	1 Year	1 Credit-Weighted Grade
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**Prerequisite:** Successful completion of French III or proficiency.

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products; practices, and perspectives (values, attitudes, and assumptions), according to Arizona and national standards. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.***

### **FRENCH IV FL212**

<b>Grade:</b> 11, 12	1 Year	1 Credit-Weighted Grade
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**Prerequisite:** Successful completion of French III or proficiency.

*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, according to Arizona and national standards. .

### **GERMAN I FL409**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will introduce the basics of German language and culture. Students will build proficiency in the three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills. The concepts are taught through a variety of cultural themes, authentic resources and instructional techniques. Students will be expected to actively use their language skills each day to build proficiency - speaking, reading, writing and listening to authentic language.



## GERMAN II FL410

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Successful completion of German I or proficiency.		

This course will continue to develop students' skills in German in all three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills. Cultural competence will also continue through the use of authentic resources and cultural themes. Students will be expected to actively use their language skills each day to build proficiency - speaking, reading, writing and listening to authentic language.

## GERMAN III FL411

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of German II or proficiency. <i>May be taken for dual credit.</i>		

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, according to Arizona and national standards. German is used almost exclusively in the class by both the teacher and the students. The course will include cultural topics in the German world through the use of authentic resources and technology.

## AP GERMAN LANGUAGE AND CULTURE FL413

<b>Grade:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of German III or proficiency.		

The AP German Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP German Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in German. The AP German Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions), according to Arizona and national standards. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.***

## GERMAN IV FL412

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of German III or proficiency. <i>May be taken for dual credit.</i>		

This course will serve as an advanced level German language course. German is used exclusively by both teachers 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, according to Arizona and national standards.

## JAPANESE I FL509

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will introduce the basics of Japanese language and culture. Students will build proficiency in the three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills and the ability to read and write in Japanese. The concepts are taught through a variety of cultural themes, authentic resources and instructional techniques. Students will be expected to actively use their language skills each day to build proficiency - speaking, reading, writing and listening to authentic language.

## JAPANESE II FL510

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Japanese I or proficiency.		

This course will continue to develop students' skills in Japanese in all three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills with increased opportunities for oral communication. Cultural competence will also continue through the use of authentic resources and cultural themes. Students will be expected to actively use their language skills each day to build proficiency - speaking, reading, writing and listening to authentic language.

### JAPANESE III FL511

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Japanese II or proficiency. <i>May be taken for dual credit.</i>		

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, according to Arizona and national standards. 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.

### AP JAPANESE LANGUAGE AND CULTURE FL514

<b>Grade:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Japanese III or proficiency.		

The AP Japanese Language and Culture course emphasizes communication by applying the interpersonal, interpretive, and presentational modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Japanese. The course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of social, political, and educational issues (e.g., the role of religion in society, traditional versus modern gender roles), as well as more traditional topics (e.g., arts, customs, festivals, geography, and history). Throughout the course, students develop interpersonal skills that enable them to request and confirm the receipt of information, ask for and provide directions, and issue and respond to invitations. They also develop more cognitively challenging functional language skills, including the ability to compare phenomena, express opinions and preferences, and discuss life experiences. Additionally, students develop a command of a significant number of the most prevalent kanji characters used in Japanese writing. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Based on AP Exam results, students may be eligible for the state Diploma Seal of Biliteracy.***

### JAPANESE IV FL512

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Japanese III or proficiency. <i>May be taken for dual credit.</i>		

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, according to Arizona and national standards.

### LATIN I HONORS

<b>Grades:</b> 9,10,11,12	1 Year	1 Credit-Weighted Grade
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This course will include a review of English grammar and serves as an introduction to the language of the ancient Romans. Emphasis will be placed on vocabulary development, Latin and English grammar and syntax.

### LATIN II HONORS

<b>Grades:</b> 9,10,11,12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Latin I or proficiency		

This course will begin where Latin I concluded. Included will be a comprehensive review of Latin verbs, and introduction to the subjunctive mood, and the attendant subordinate grammatical structures.

### LATIN III HONORS

<b>Grades:</b> 9,10,11,12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Latin II or proficiency		

This course provides an opportunity for students to read Latin in the original text. Students study the following Latin literature genres: mythology, love poetry, history, oratory, theater, and medieval works. They read the works in Latin, analyzing the literature critically and analytically. Different figures of speech and poetic devices are analyzed as they apply to the work. The historical and mythological background under which the works were written is pursued.

## AP LATIN

<b>Grades:</b> 9,10,11,12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Latin III or proficiency		

The course's goals are to develop the students' abilities to read aloud and translate the required passages from Caesar's *De Bello Gallico* and Vergil's *Aeneid* into English as literally as possible, to help them understand the context of the written passages (including the political, historical, literary, and cultural background of each author and text), and to help them understand the reasons behind the particular style of writing and the rhetorical devices employed. The course should also help students to be successful in analyzing Latin passages to understand how and why the author uses the language in a particular way and the effects he is hoping to produce. Students will learn to analyze the text and draw their own logical conclusions. This course should give students tools to read Latin prose and poetry aloud and with accurate comprehension and appreciation. For the Vergil text, students will learn dactylic hexameter and how it is used to enhance the text and create an effect, and students will scan the poetry at least once a week. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May.***

## LATIN IV HONORS

<b>Grades:</b> 9,10,11,12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Latin III or proficiency		

Throughout the school year, students will be reading and interpreting the works of many ancient Roman writers. While doing so, students will write a literal English translation of a Latin passage; identify the context and significance of the poems of authors such as Catullus, Ovid, Cicero, Horace, et al.; identify and analyze features of the writer's word choice and placement, imagery, figures of speech, and metrical devices; analyze characters, themes, or situations in specific passages; continue to develop knowledge of ancient Roman life and history by reading the literature of ancient and be able to sight-read a Latin passage and be able to answer specific questions about that passage.

## MANDARIN CHINESE I FL709

<b>Grades:</b> 9,10,11,12	1 Year	1 Credit
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This course will introduce the basics of the Mandarin language and Chinese cultures. Students will build proficiency in the three modes of communication according to the Arizona and national standards: interpretive, interpersonal and presentational. Emphasis will be placed on real-world application of language skills. The concepts are taught through a variety of cultural themes, authentic resources and instructional techniques. Students will be expected to actively use their language skills each day to build proficiency - speaking, reading, writing and listening to authentic language.

## MANDARIN CHINESE II FL710

<b>Grades:</b> 9,10,11,12	1 Year	1 Credit
<b>Prerequisite:</b> Successful completion of Mandarin Chinese I or proficiency		

This course continues to expand student skills in vocabulary, sentence patterns, and grammar in communicative context. Speaking skills such as pronunciation and intonation will be emphasized. Students will learn in-depth reading and writing strategies and skills. Students will write Mandarin Chinese in a variety of formats such as journals, letters, invitations, and essays. This course will also enrich and fortify knowledge and skills in writing simplified Mandarin Chinese characters. Students will learn essential knowledge of Chinese culture, including origins, histories, anecdotes, and etiquette for various cultural settings, events and occasions.

## MANDARIN CHINESE III FL713

<b>Grades:</b> 10,11,12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Mandarin Chinese II or proficiency.		

This course continues to expand student skills in vocabulary, sentence patterns, and grammar in communicative context. Speaking skills such as pronunciation and intonation will be emphasized. Students will learn in-depth reading and writing strategies and skills. Students will write Mandarin Chinese in a variety of formats such as journals, letters, invitations, and essays. This course will also enrich and fortify knowledge and skills in writing simplified Mandarin Chinese characters. Students will learn essential knowledge of Chinese culture, including origins, histories, anecdotes and etiquette for various cultural settings, events, and occasions.

## AP CHINESE LANGUAGE AND CULTURE FL716

<b>Grade:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Mandarin Chinese III or proficiency.		

This course in Mandarin Chinese emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Chinese. The AP Chinese Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). The AP Chinese Language and Culture course is designed to be comparable to fourth semester (or the equivalent) college/university courses in Mandarin Chinese. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Based on AP Exam results, students may be eligible for the state Diploma Seal of Biliteracy.***

## SPANISH I FL109

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will introduce novice level Spanish language and introduce students to Hispanic culture. Students will begin to build proficiency in all three modes of communication and five communication strands according to the Arizona World and Native Languages Standards and ACTFL (American Council Teaching of Foreign Language Language) anticipated outcomes: Interpersonal Communication, Interpretive Reading & Listening, and Presentational Writing & Speaking. The concepts are taught through a variety of cultural themes, authentic resources, and instructional techniques. Students will be expected to actively use their language skills each day to build proficiency. This course is not appropriate for native Spanish speakers.

## HONORS SPANISH I FL109

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This honors course will introduce students to the Spanish language and Hispanic culture. Students will begin to build proficiency in all three modes of communication and five communication strands according to the Arizona World and Native Languages Standards and ACTFL (American Council Teaching of Foreign Language Language) anticipated outcomes: Interpersonal Communication, Interpretive Reading & Listening, and Presentational Writing & Speaking. The concepts are taught through a variety of cultural themes, authentic resources, and instructional techniques. Students will be expected to actively use their language skills each day to build proficiency. This course is not appropriate for native Spanish speakers.

## SPANISH II FL110

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Successful completion of Spanish I or proficiency.		

This course will continue to develop students' skills in Spanish in all three modes of communication and five communication strands according to the Arizona World and Native Languages Standards and ACTFL (American Council Teaching of Foreign Language Language) anticipated outcomes: Interpersonal Communication, Interpretive Reading & Listening, and Presentational Writing & Speaking. Emphasis is placed on real-world application of language skills. Cultural competence will also continue through the use of authentic resources and cultural themes. Students will be expected to actively use their language skills each day to build proficiency.

## HONORS SPANISH II FL109

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This honors course will continue to develop students' skills in Spanish in all three modes of communication and five communication strands according to the Arizona World and Native Languages Standards and ACTFL (American Council Teaching of Foreign Language Language) anticipated outcomes: Interpersonal Communication, Interpretive Reading & Listening, and Presentational Writing & Speaking. Emphasis is placed on real-world application of language skills. Cultural competence will also continue through the use of authentic resources and cultural themes. Students will be expected to actively use their language skills each day to build proficiency.

## HONORS SPANISH III FL113

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Successful completion of Spanish II or proficiency.		
<i>May be taken for dual credit.</i>		

This honors intermediate course will continue to develop students' skills in Spanish in all three modes of communication and five communication strands according to the Arizona World and Native Languages Standards and ACTFL (American Council Teaching of Foreign Language Language) anticipated outcomes: Interpersonal Communication, Interpretive Reading & Listening, and Presentational Writing & Speaking.

Emphasis is placed on practical conversation, reading and discussion of short stories and literature. The course includes cultural topics in the Hispanic world through use of authentic resources and technology. Spanish is used almost exclusively in the course by both the teacher and students.

### AP SPANISH LANGUAGE AND CULTURE FL111

Grade: 11, 12	1 Year	1 Credit-Weighted Grade
Prerequisite: Spanish III Proficiency		

This course emphasizes communication by applying interpretive, interpersonal, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language & Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Based on AP Exam results, students may be eligible for the state Diploma Seal of Biliteracy.***

### AP SPANISH LITERATURE AND CULTURE FL112

Grade: 11, 12	1 Year	1 Credit-Weighted Grade
Prerequisite: Spanish III proficiency / Recommended completion of AP Spanish Language and Culture		

This course uses a thematic approach to introduce students to texts from Peninsular Spanish, Latin American, and U.S. Hispanic literature. Students develop proficiencies across the three modes of communication in the range of Intermediate High to Advanced Mid of the American Council on the Teaching of Foreign Languages' (ACTFL) Proficiency Guidelines. Through careful examination of the required readings and other texts, students work to hone their critical reading and analytical writing skills. Literature is explored within the contexts of its time and place, and students gain insights on the many voices, historical periods, and cultures represented in the required readings and other texts. The course also includes a strong focus on cultural, artistic, and linguistic connections and comparisons, which is supported by the exploration of various media. While not a prerequisite, students may want to complete AP Spanish Language and Culture before taking this course as all texts are presented in Spanish. ***This course is designed to prepare students to successfully complete the Advanced Placement Exam in May. Based on AP Exam results, students may be eligible for the state Diploma Seal of Biliteracy.***

### HONORS SPANISH IV FL114

Grade: 11, 12	1 Year	1 Credit-Weighted Grade
Prerequisite: Successful completion of Spanish III or proficiency.		
<i>May be taken for dual credit.</i>		

This advanced course will continue to develop students' skills in Spanish in all three modes of communication and five communication strands according to the Arizona World and Native Languages Standards and ACTFL (American Council Teaching of Foreign Language Language) anticipated outcomes: Interpersonal Communication, Interpretive Reading & Listening, and Presentational Writing & Speaking. This course prepares students to successfully participate in college level Spanish courses. Critical thinking, collaboration and communication skills will be further developed as students build toward fluent Spanish acquisition. Students can engage in complex thinking, reading, writing and listening tasks in Spanish and develop a more sophisticated understanding of Spanish language cultures and history. Spanish is used almost exclusively in the course by both the teacher and students.

## ADDITIONAL ELECTIVE COURSES

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

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**Prerequisite:** Application and approval

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

*This course may be repeated for credit.*

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.

### **AP SEMINAR MI106**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
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*This course is taught at Campo Verde High School, Desert Ridge High School, Gilbert Classical Academy and Highland High School, but is open to students from all Gilbert Public Schools.*

*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 courses are eligible for the AP Capstone Diploma awarded through the College Board. Tenth grade students completing the course will earn Sophomore English credit for the course. Other grade levels will receive elective credit.

### **AP RESEARCH MI107**

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
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*This course is taught at Campo Verde High School, Desert Ridge High School, Gilbert Classical Academy and Highland High School, but is open to students from all Gilbert Public Schools.*

*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 the College Board.

### **APPLICATION OF LIFE SKILLS MI406**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course provides activities that increase students' participation in daily life activities within the present and future environments. Activities may include health and safety, adult living skills (i.e., shopping, interpreting bus schedules, purchasing), meal preparation and planning. **Class may be taken only upon teacher approval.**

### **AVID TUTOR AV900**

<b>Grades:</b> 11, 12	1 Semester	1/2 Credit
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**Prerequisite:** Administrator/Instructor approval and a GPA of 3.0 or better. Must have taken at least one honors course.

*Elective credit will be issued for this course.*

*This course may be repeated for credit.*

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.

## ATHLETIC PHYSICAL EDUCATION PE800

<b>Grades:</b> 9,10,11,12	1 Athletic Season	1/2 Credit (Maximum of 1 credit per year)
<b>Prerequisite:</b> 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. <i>This course may be repeated for credit.</i> <b>Elective credit will be issued for this course.</b> <b>Upon successful completion of four semesters of Athletic Physical Education, the District requirements for Physical Education will be waived. No partial Physical Education credit may be earned.</b> 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. <b>Before enrolling, please review the guidelines with the Athletic Director.</b>		

## BEGINNING SPEECH EN505

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Elective Credit
<i>This course may be repeated for credit.</i>		

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.

## BUSINESS INTERNSHIP I BT700

<b>Grades:</b> 11, 12	1 Year	1 Credit
<i>Elective or CTE/Fine Arts credit will be issued for this course.</i> <i>This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.</i>		

This course will provide students an opportunity to earn elective credit while they are working. Students must work a minimum of 128 hours per semester during the time they are enrolled in the course. Because the course is taken for credit, the employer and supervisor must be an independent, non-family member. Course requirements include uploading current scanned pay stubs, agreements, and an employee evaluation as well as completing and uploading documents related to the student's work experience. By the end of the course, students will learn how to analyze their personal skills and strengths as they relate to current and future jobs, explore different careers through interviews and observations, and discover what it means to be successful at work. Credit from this class will count toward students' GPS CTE credit requirement.

## BUSINESS INTERNSHIP II BT701

<b>Grades:</b> 11, 12	1 Year	1 Credit
<i>Elective credit will be issued for this course.</i> <i>This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.</i>		

This course will provide students an opportunity to earn elective credit while they are working. Students must work a minimum of 128 hours per semester during the time they are enrolled in the course. Because the course is taken for credit, the employer and supervisor must be an independent, non-family member. Course requirements include uploading current scanned pay stubs, agreements, and an employee evaluation as well as completing and uploading documents related to the student's work experience. By the end of the course, students will learn how to analyze their personal skills and strengths as they relate to current and future jobs, explore different careers through interviews and observations, and discover what it means to be successful at work. Credit from this class will count toward students' GPS Elective credit requirement.

## CAREER EXPLORATION CONNECTIONS MI400

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>Elective or CTE credit will be issued for this course.</i>		

This course will concentrate on career exploration and post-high school planning in training, employment, and daily living strategies. Students will explore possible career, vocational, and workplace options through interest inventories and a variety of hands-on work related experiences to assist students in determining their strengths, preferences, and interests as it relates to potential work opportunities and careers. **Class may be taken only upon teacher approval.**

## CAREER PLANNING STRATEGIES MI301

<b>Grade:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>Elective or CTE credit will be issued for this course.</i>		
<i>This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.</i>		

This course will concentrate on providing students with the skills necessary to prepare for work/career readiness. Students will complete vocational assessments such as interest inventories and strengths surveys. In addition, students will develop self-advocacy skills, self-determination skills, research careers, identify career expectations in the classroom and the community in preparation for life after high school. Students will develop the skills necessary to pursue their career path such as, improving their soft skills essential for obtaining employment, understanding the college application process, navigating the application for attending trade schools, and understanding what is necessary for life after high school. **Class may be taken only upon teacher approval.**

## COMMUNICATION SKILLS MI402

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>Elective or CTE credit will be issued for this course.</i>		

This course will provide students with individualized instruction aimed at increasing listening, speaking, and self-advocacy skills. Individualized instruction will be aligned to Core Content standards. **Class may be taken only upon teacher approval.**

## COMMUNITY VOLUNTEER SERVICE GC105

<b>Grades:</b> 11, 12	1 Semester	1/2 Credit
<i>This course may be repeated for credit.</i>		

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.

## COMMUNITY VOLUNTEER EXPERIENCE MI405

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will emphasize pre-reading and pre-writing instruction, which prepares students for post-secondary activities. In addition, this course will provide opportunities for campus-based community volunteer service with a focus on providing a pre-vocational experience. **Class may be taken only upon teacher approval.**

## CREATIVE WRITING EN500

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Credit
<i>This course may be repeated for credit.</i>		
<i>This course does <u>not</u> satisfy Arizona university entrance requirements.</i>		
<b><i>Elective credit will be issued for this course.</i></b>		

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.

## CURRICULUM SUPPORT CLASS MI302

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will provide students with specialized labs that will utilize the research-based curriculum to support identified needs of students, in addition to providing structured reteaching of the curriculum. Additional topics covered include organization, time management, test-taking strategies, effective study technique, note-taking, self-advocacy, and problem-solving. **Class may be taken only upon teacher approval.**

## DRIVER'S EDUCATION PE505

<b>Grades:</b> 10, 11, 12	1 Semester	1/2 Credit
<b>Prerequisite:</b> Student must be at least 15 years and 6 months old		
<b>Fee:</b> \$20.00		
<i>This course is taught at Desert Ridge High School, Highland High School, and Mesquite High School, but is open to students from all Gilbert Public Schools.</i>		
<b><i>Elective credit will be issued for this course.</i></b>		

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.



## ELECTRONICS/ROBOTICS I IE140

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Fee:</b> \$30.00		
<i>This course is taught at Highland High School, but is open to students from all Gilbert Public Schools.</i>		

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.

## ELECTRONICS/ROBOTICS II IE141

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Electronics/Robotics I or application and approval		
<b>Fee:</b> \$40.00		
<i>This course is taught at Highland High School, but is open to students from all Gilbert Public Schools.</i>		
<i>This course may be repeated for credit.</i>		

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.

## FORENSIC SCIENCE SC603

<b>Grades:</b> 11, 12	1 Year	1 Credit
<i>Elective credit will be issued for this course.</i>		

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.

## FORENSICS: SPEECH AND DEBATE EN507

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit-Weighted Grade
Additional program costs may be incurred for <i>other</i> activities related to the program, not to exceed \$100.		
<i>Competition in a minimum of four tournaments is required.</i>		
<i>Elective or CTE/FA4 credit will be issued for this course.</i>		
<i>This course may be repeated for credit.</i>		

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.

## FOUNDATIONS OF FILM BT515

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

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.

## GAMING CONCEPTS (eSPORTS) MI200

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Application and approval		
<b>Fee:</b> \$30.00 per semester		
<i>Elective credit will be issued for this course.</i>		
<i>This course may be repeated for credit.</i>		

This course will allow students to gain training and experience in popular eSport titles approved by the District. eSports are video games played through a console or personal computer. Leadership activities, team work, time management, sportsmanship, digital citizenship, and academic activities, through the play of eSport titles, will guide students throughout the course.

### **INTRAPERSONAL COMMUNICATION MI303**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course focuses on using communication skills to describe the thinking process and understand the intentions of others in a more meaningful way. Objectives include higher-order thinking and reasoning skills such as cause/effect, predictions, inferences, and perspective-taking related to effective group communication and analysis of written language for literary and informational purposes. Emphasis is also placed on extending and applying socialization, emotional regulation, and study skills. **Class may be taken only upon teacher approval.**

### **LEADERSHIP DEVELOPMENT (STUDENT COUNCIL) SG100**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**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.

### **OFFICIATING SPORTS I/II PE510/PE511**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
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**Prerequisite:**

*Elective credit will be issued for this course.*

*This course may be repeated for credit.*

Officiating courses provide students with the knowledge, skills and abilities to serve as a referee, umpire, judge or other official for sports contests. The course will emphasize rule interpretation and the proper mechanics of officiating. This course includes physical activity. Students will have online coursework as well as on site visits to shadow referees and officials at sporting events. Students will also have to officiate games to complete coursework.

### **PARALLEL LEARNING MI109**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
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**Prerequisite:** Interview, application and approval

*This course may be repeated for credit.*

This course will support individuals to work collaboratively with Special Education Teachers, assisting 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. **Class may be taken only upon teacher approval.**

### **PEER LEADERSHIP/TUTORING GC110**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
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**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.

### **PRACTICAL CONNECTIONS OF CAREER EXPLORATION MI404**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will emphasize instruction that supports post-secondary activities in training, employment, daily living strategies. In addition, career exploration and post-secondary opportunities will be explored. **Class may be taken only upon teacher approval.**

### **PREP FOR SUCCESS MI500**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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*Must be concurrently enrolled in an AP course.*

*Elective credit will be issued for this course.*

This course is designed for students who are new to taking college level courses. The goal of the class is to give students a solid foundation to become a college ready student as they continue to successfully take rigorous courses throughout their high school career. Students will develop study skills, note-taking habits, communication, and collaboration skills. This course will also provide preparation and study sessions for AP exams. Students will also be offered tutoring and opportunities to work with upperclassmen who are also successful taking these high level courses.

## PROJECT SEARCH MI604

<b>Grade:</b> Students who are in their last year of high school	1 Year	4 Credits
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Project SEARCH at Banner-Gateway Medical Center is an unpaid internship program that trains high school students from Gilbert Public School District who are committed to seeking competitive employment in the community. This nine-month school-to-work program model features total immersion in a business setting through a series of three rotations (10 weeks) in various departments within a host business. It also includes instructional time for reinforcement of employment skills and career exploration opportunities — all while providing on-site job coaching and accommodations design, as needed, to support the goal of independence.

## RELEASE TIME RT741-RT747

<b>Grade:</b> 9, 10, 11, 12	Semester	No Credit
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*All release time requires Consent of Release Time form.*

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

## RELEASE TIME/OFF-CAMPUS INSTRUCTION RT986

<b>Grades:</b> 9, 10, 11, 12	1 Year	No Credit
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Students may be granted release time for off-campus instruction.

## SOCIAL PRAGMATICS AND COMMUNICATION MI304

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course focuses on using communication skills to describe the thinking process and understand the intentions of others in a more meaningful way. Objectives include higher-order thinking and reasoning skills such as cause/effect, predictions, inferences, and perspective-taking related to effective group communication and analysis of written language for literary and informational purposes. Emphasis is also placed on extending and applying socialization, emotional regulation, and study skills. **Class may be taken only upon teacher approval.**

## SOCIAL MEDIA EN530

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

This course will teach students that the world of social media revolves around them - their actions, decisions, and interests. They will examine how social media has evolved. They will understand how to find authenticity and truth within an online world where people can "be" anyone. They will also discover that their voice is important.

## SUPPORT TECHNICIAN INTERNSHIP BT800

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**Prerequisite:** Application and approval

*Elective credit will be issued for this course.*

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.

## STEM CAPSTONE ST998

<b>Grades:</b> 12	1 Year	1 Credit-Weighted Grade
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*This course is taught at Highland High School, but is open to students from all Gilbert Public Schools.*

*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.

## TEACHER'S AIDE TA100

<b>Grades:</b> 11, 12	1 Semester	1/2 Credit
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**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.

## TECHNOLOGY & SOCIAL COMMUNICATIONS MI401

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will provide students with individualized instruction aimed at increasing social and technological communication skills to assist in post-secondary life. Students will learn how to navigate a variety of technology platforms (ie. keyboarding, google, email, etc.) that they will encounter in today's world. Additional technological concepts include: appropriate uses of technology, appropriate internet searches, and online safety. An emphasis will also be placed on real-world applications of social-communications such as perspective taking, increasing listening, speaking, and self-advocacy skills. **Class may be taken only upon teacher approval.**

## TECHNOLOGY COMMUNICATION MI403

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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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 the 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 technical content, this course will emphasize pre-reading and pre-writing instruction, which prepares students for post-secondary activities. **Class may be taken only upon teacher approval.**

## UNIFIED ART & DESIGN I MI702

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**Fee:** \$20.00 per semester

*Elective credit will be issued for this course.*

*This course may be repeated for credit.*

This course will provide inclusive opportunities for all students, creating a collaborative learning community, 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.

## UNIFIED CERAMICS MI701

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**Fee:** \$30.00 per semester

*Elective credit will be issued for this course.*

*This course may be repeated for credit.*

This course will provide inclusive opportunities for all students, creating a collaborative learning community, in a daily ceramics class. It will provide students with basic ceramic hand-building methods and decorative techniques. Basic glaze applications 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.

## UNIFIED CHOIR MI703

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**Fee:** \$20.00 per semester

*Elective credit will be issued for this course.*

*This course may be repeated for credit.*

This course will provide inclusive opportunities for all students, creating a collaborative learning community, to explore the fun of music. Students will sing and study musicianship skills with Individualized instruction to ensure everyone's success. Students will explore music across a range of historical periods, genres, styles, and traditions, including the works of great composers and musicians. Performance opportunities will be offered throughout the year.

## UNIFIED CULINARY ARTS MI700

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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**Prerequisite:** One year Culinary Arts experience required for peer mentors

**Fee:** \$35.00 per semester

*Elective credit will be issued for this course.*

*This course may be repeated for credit.*

This course will provide inclusive opportunities for all students, creating a collaborative learning community, 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.

**UNIFIED SPANISH MI704**  
**UNIFIED FRENCH MI705**  
**UNIFIED GERMAN MI706**  
**UNIFIED JAPANESE MI707**  
**UNIFIED AMERICAN SIGN LANGUAGE MI708**  
**UNIFIED MANDARIN CHINESE MI709**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Peer mentors must have one year of prior world language with a “C” or higher		
<i>Elective credit will be issued for this course.</i>		
<i>This course may be repeated for credit.</i>		
<i>This course will not meet the requirements for Arizona university entrance.</i>		

This course will provide inclusive opportunities for all students, creating a collaborative learning community, in a world language class. It will provide an introduction to a new language and include the following concepts: basic greetings, colors, shapes, cuisine, how to order food in a restaurant, travel words, sites to see, simple phrases, safety words and signs, numbers, alphabet, days of the week, month and year, holidays, family names (grandpa/grandma, mom/dad, brother/sister, aunt/uncle, etc.), as well as exposure to culture and origin of the language.

**UNIFIED WOODWORKING MI710**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Two years of successful woodworking course completion for peer mentors.		
<b>Fee:</b> \$25.00 per year		
<i>Elective credit will be issued for this course.</i>		
<i>This course may be repeated for credit.</i>		

This course will provide inclusive opportunities for all students, creating a collaborative learning community, in a daily woodworking class. This is an introductory course to the foundations of woodworking. Students have the opportunity to enhance their interpersonal skills, fine motor skills and social emotional learning while gaining woodworking skills through hands-on experiences. Development of transferable skills in applications of building, the woodworking process and completion of woodworking projects are gained throughout this course.

**GPS TRANSITION PROGRAM MI610**

<b>Grade:</b> Teacher approval	1 Year	4 Credits
<i>Elective or CTE credit will be issued for this course.</i>		
<i>This course will not meet the CTE/Fine Arts requirement for Arizona university entrance.</i>		

The GPS Transition Program is a full-day program (periods 2-6) servicing all comprehensive high schools. This course is designed to assist students in acquiring skills necessary to take a more independent and active role in preparation for post-secondary life. Young adults engage in direct instruction, assessments, hands-on activities, and both on-campus and community-based opportunities. The program allows students to develop increased independence in areas critical to post-secondary success, preparing them for a future of active engagement within their families and communities. Topics covered include, but are not limited to: flexibility; self-advocacy; self-care; problem solving; functional math; daily living skills; communication; personal responsibility; community awareness; leisure activities; transportation; career exploration; vocational skills; workplace readiness; and post-secondary options. Course may be taken upon teacher approval only.

**LIFE STRATEGIES FOR TEENS ES105**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>Elective credit will be issued for this course.</i>		

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. 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.

**MATH LAB ES112**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Recommendation by a school counselor or an administrator		
<i>This course may be repeated for credit.</i>		
<i>Elective credit will be issued for this course.</i>		

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

### READING LAB ES117

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>This course may be repeated for credit.</i>		
<b>Elective credit will be issued for this course.</b>		

This course is designed to meet the literacy needs of students who require additional support in reading. The class will focus on improving students' literacy skills addressing the essential components of Reading: Phonemic Awareness, Phonics, Vocabulary, Comprehension, and Fluency. Students will be provided with opportunities for guided and independent practice of skills. **Course may be taken only upon teacher approval.**

### SURVIVOR SKILLS FOR SUCCESS ES116

<b>Grades:</b> 9	1 Year	1 Credit
<b>Elective credit will be issued for this course.</b>		

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.

## INTERNATIONAL BACCALAUREATE

The International Baccalaureate Diploma Programme at Gilbert High School is an internationally recognized program designed for students in their junior and senior years of high school. While participation in the IB Diploma Programme is recommended, it is not required for students to take an IB course. Courses can yield college credit based on student performance on the IB end-of-course assessments.

### IB PREP ENGLISH I EN918

<b>Grades:</b> 9	1 Year	1 Credit-Weighted Grades
<b>Prerequisite:</b> Pre-IB student		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<b>English credit will be issued for this course.</b>		

This course explores a detailed studies approach to works written in English in which students examine a variety of genres and themes. Communication skills, research skills, self-management skills, and thinking skills will be emphasized in order to prepare students for the rigorous IB Diploma Programme. The course will promote student centered instruction and inquiry based lessons. Information literacy, media literacy, and collaboration will be heavily emphasized. Other course skills focus upon close reading techniques, language effects, written literary analysis and oral commentary. Literary 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 themes, cultural influences, and the human experience. Literary analysis, social criticism and comparative analysis will also be emphasized. **Summer reading lists are available in the back of the course description book.**

### IB PREP ENGLISH II EN919

<b>Grades:</b> 10	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Honors English I or IB Prep English I		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<b>English credit will be issued for this course.</b>		

This course explores a detailed studies approach to works written in English in which students examine a variety of genres and themes. It builds off the foundational skills established in Pre-IB and/or Honors English 1. Communication skills, research skills, self-management skills, and thinking skills will be emphasized in order to prepare students for the rigorous IB Diploma Programme. The course will promote student centered instruction and inquiry based lessons. Information literacy, media literacy, and collaboration will be heavily emphasized. Other course skills focus upon close reading techniques, rhetorical analysis, written literary analysis and oral presentations. Literary pieces include Greek, 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 themes, cultural influences, and the human experience. Literary analysis, social criticism and comparative analysis will also be emphasized. **Summer reading lists are available in the back of the course description book.**

**IB LANGUAGE & LITERATURE HIGHER LEVEL I EN920**  
**IB LANGUAGE & LITERATURE HIGHER LEVEL II EN921**

<b>Grades:</b> 11, 12	2 Years	2 Credit-Weighted Grades
<b>Prerequisite:</b> Honors English 9, Honors English 10, or IB Prep English II		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>English credit will be issued for this course.</i>		

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. **This course is designed to prepare students to successfully complete the IB Exam.**

**IB MUSIC PERFORMANCE STANDARD LEVEL I PA920**  
**IB MUSIC PERFORMANCE STANDARD LEVEL II PA921**

<b>Grades:</b> 11, 12	2 Years	2 Credit-Weighted Grade
<b>Prerequisite:</b> Two years of ensemble participation or application and approval		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Additional program costs may be incurred for other activities related to the program, not to exceed \$75.00</i>		

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 ensembles. In Year 1, students will meet as a class and study the IB Music Curriculum. In Year 2, students will enroll in the IB Music Course, and will have concurrent membership in a band, choir, or orchestra class while finishing the final assessment. Students will meet at least one day a week plus arranged times with the teacher beyond the music ensemble hour. Extra performances will be assigned and required. **This course is designed to prepare students to successfully complete the IB Exam.**

**IB VISUAL ARTS STANDARD LEVEL VA920**

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Two semesters of any visual art course		
<b>Fee:</b> \$40.00		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Elective credit will be issued for this course.</i>		
<i>This course will not satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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. **This course is designed to prepare students to successfully complete the IB Exam.**

**IB CORE I (THEORY OF KNOWLEDGE, EXTENDED ESSAY AND CREATIVITY, ACTIVITY AND SERVICE) VA921**

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Fine Arts credit will be issued for this course.</i>		
<i>This course will not satisfy one fine arts credit for Arizona university entrance requirements.</i>		

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.

## IB HISTORY OF THE AMERICAS HIGHER LEVEL I SS920 IB HISTORY OF THE AMERICAS HIGHER LEVEL II SS921

Grades: 11, 12	2 Years	2 Credit-Weighted Grades
<b>Prerequisite:</b> World History and Geography <i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i> <i>This course will meet the District graduation requirement for American/Arizona History.</i>		

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 a research-based inquiry into the economic, political, social, and cultural events from the past century. **This course is designed to prepare students to successfully complete the IB Exam.**

## IB ECONOMICS STANDARD LEVEL SS924

Grades: 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> World History and Geography <i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i> <i>This course will meet the District graduation requirement for Economics.</i>		

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. **This course is designed to prepare students to successfully complete the IB Exam.**

## IB PSYCHOLOGY STANDARD LEVEL SS925

Grades: 11, 12	1 Year	1 Credit-Weighted Grade
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i> <i>Elective credit will be issued for this course.</i>		

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, 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 IB Exam.**

## IB INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY BT910

Grades: 11, 12	1 Year	1 Credit
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i> <i>Elective credit will be issued for this course.</i>		

This course is the study and evaluation of the impacts of information technology (IT) on individuals and society. It explores the advantages and disadvantages of the access and use of digitized information at the local and global level. ITGS provides a framework for the student to make informed judgments and decisions about the use of IT within social contexts. Although ITGS shares methods of critical investigation and analysis with other social sciences, it also considers social and ethical considerations that are common to other subjects. Students come into contact with IT on a daily basis because it is so pervasive in the world in which we live. This increasingly widespread use of IT inevitably raises important questions with regard to the social and ethical considerations that shape our society today. ITGS offers an opportunity for a systematic study of these considerations, whose range is such that they fall outside the scope of any other single discipline. **This course is designed to prepare students to successfully complete the IB Exam.**

## IB COMPUTER SCIENCE BT920

Grades: 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> AP Computer Science Applications Recommended <i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i> <i>CTE/Elective credit for IB DP &amp; CP</i>		

The IB Computer Science course emphasizes computational thinking, computer operation knowledge, and programming concepts' global impact. Students will develop skills in procedural, logical, concurrent, abstract, recursive thinking, and problem-solving through experimentation and inquiry. They will learn to create algorithms and understand computational limitations. Computer science is a global field with information exchange vital for progress, especially with modern technologies like open source software and social networking. This course is designed to prepare students to successfully complete the IB Exam.



**IB MATHEMATICS APPLICATION AND INTERPRETATION STANDARD LEVEL I MA920**  
**IB MATHEMATICS APPLICATION AND INTERPRETATION STANDARD LEVEL II MA921**

<b>Grades:</b> 11, 12	2 Years	2 Credit-Weighted Grades
<b>Prerequisite:</b> Algebra II		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Math credit will be issued for this course.</i>		

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. **This course is designed to prepare students to successfully complete the IB Exam.**

**IB MATHEMATICS APPLICATION AND INTERPRETATION HIGHER LEVEL II MA922**

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Precalculus or IB Mathematics Application and Interpretation Standard Level I		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Math credit will be issued for this course.</i>		

This course is the higher level option for the second year of the two-year Applications & Interpretation. In this course, students use mathematics and technology to solve higher level 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 will be using investigative methods along with graphing technology within this coursework. **This course is designed to prepare students to successfully complete the IB Exam.**

**IB DANCE STANDARD LEVEL PE920**

<b>Grades:</b> 11	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Two years of dance and/or audition		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Fine Arts credit will be issued for this course.</i>		
<i>Costume costs may be incurred, not to exceed \$200.00</i>		

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. **This course is designed to prepare students to successfully complete the IB assessment.**

**IB SPORTS, EXERCISE AND HEALTH STANDARD LEVEL PE924**

<b>Grades:</b> 11	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Sports Med I and II or Anatomy and Physiology		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Science or elective credit will be issued for this course.</i>		

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. **This course is designed to prepare students to successfully complete the IB Exam.**

**IB ENVIRONMENTAL SYSTEMS & SOCIETIES STANDARD LEVEL SC919**

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Biology, Chemistry		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Science credit will be issued for this course.</i>		
<i>This course will satisfy one integrated science credit for Arizona university entrance requirements.</i>		

Environmental systems and societies (ESS) is an interdisciplinary course that enables students to acquire the knowledge and understandings of environmental systems and issues at a variety of scales. Students will be able to apply their knowledge and skills needed to analyze environmental systems and issues, such as pollution and resource use, while appreciating the value of personal, local and global perspectives. Students will be able to make informed decisions and take responsible actions on environmental issues to create innovative solutions to environmental issues. **This course is designed to prepare students to successfully complete the IB Exam.**

## IB BIOLOGY HIGHER LEVEL I SC920 IB BIOLOGY HIGHER LEVEL II SC921

<b>Grades:</b> 11, 12	2 Years	2 Credit-Weighted Grades
<b>Prerequisite:</b> Biology, Chemistry		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Science credit will be issued for this course.</i>		
<i>This course will satisfy one biological credit for Arizona university entrance requirements.</i>		

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. ***This course is designed to prepare students to successfully complete the IB Exam.***

## IB CHEMISTRY HIGHER LEVEL I SC922 IB CHEMISTRY HIGHER LEVEL II SC923

<b>Grades:</b> 11, 12	2 Years	2 Credit-Weighted Grades
<b>Prerequisite:</b> Biology, Chemistry		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Science credit will be issued for this course.</i>		
<i>This course will satisfy one chemistry credit for Arizona university entrance requirements.</i>		

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, thermochemistry, kinetics, equilibrium, acid/base chemistry, 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. ***This course is designed to prepare students to successfully complete the IB Exam.***

## IB PHYSICS HIGHER LEVEL I SC924 IB PHYSICS HIGHER LEVEL II SC925

<b>Grades:</b> 11, 12	2 Years	2 Credit-Weighted Grades
<b>Prerequisite:</b> Biology, Chemistry		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Science credit will be issued for this course.</i>		
<i>This course will satisfy one physics credit for Arizona university entrance requirements.</i>		

This two-year comprehensive course is designed to introduce students to the laws of physics, the experimental skills required in physics, and the social and historical aspects of physics as an evolving body of human knowledge about nature. Emphasis is placed on experimental design and analysis in order to produce a practical working model of the physical situation. Students will make extensive use of technology to process and communicate information. Mathematical competence in algebra, geometry, and trigonometry is crucial as a prerequisite to IB Physics. Core topics include: measurement; mechanics; thermal physics and properties of matter; waves; electricity and magnetism; and atomic and nuclear physics. Optional topics include: mechanics extension; atomic and nuclear physics extension; energy extension; biomedical physics; historical physics; astrophysics; special and general relativity; or optics. ***This course is designed to prepare students to successfully complete the IB Exam.***

## IB PREP SPANISH I FL918

<b>Grades:</b> 9	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Pre-IB student		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		

This accelerated course will develop Spanish interpretive, interpersonal and presentational skills, and prepare students for the IB Spanish program through the study of (5) IB interdisciplinary themes. Students will survey components of the IB Learner Profile, Theory of Knowledge (TOK), and Community, Action and Service (CAS). Students will read and write some personal and mass media texts. By the end of the course, students will be able to communicate orally and in writing about a variety of everyday topics. Students will develop international-mindedness through the study of the products, practices and perspectives of the cultures where Spanish is spoken.

## IB PREP SPANISH II FL919

<b>Grades:</b> 9, 10	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Spanish I		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		

This accelerated course will continue to develop Spanish interpretive, interpersonal and presentational skills, and prepare students for the IB Spanish program through the study of (5) IB interdisciplinary themes. Students will survey components of the IB Learner Profile, Theory of Knowledge (TOK), and Community, Action and Service (CAS). Students will read and write some personal and mass media texts. By the end of the course, students will be able to communicate orally and in writing about a variety of everyday topics. Students will develop international-mindedness through the study of the products, practices and perspectives of the cultures where Spanish is spoken.

## IB SPANISH STANDARD LEVEL I FL920

### IB SPANISH STANDARD LEVEL II FL921

<b>Grades:</b> 11, 12	2 Years	2 Credit-Weighted Grades
<b>Prerequisite:</b> Spanish II or IB Prep Spanish II		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Elective credit or CTE/FA4 will be issued for this course.</i>		

This two year course will enable students to expand their Spanish language skills through the study of interdisciplinary themes prescribed by IB. Students will write texts and make oral presentations on topics of interest for a variety of purposes. Students will describe, narrate, make comparisons and explain their personal opinions about topics related to the course content both orally and in writing. Students will develop international-mindedness as they explore Spanish-speaking cultures. ***This course is designed to prepare students to successfully complete the IB Exam.***

## IB SPANISH HIGHER LEVEL I FL922

### IB SPANISH HIGHER LEVEL II FL923

<b>Grades:</b> 11, 12	2 Years	2 Credit-Weighted Grades
<b>Prerequisite:</b> Spanish III		
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Elective credit or CTE/FA4 will be issued for this course.</i>		

This two year course will enable students to extend the range and complexity of their Spanish language skills through the study of (5) interdisciplinary IB themes. Students will read and write a wide variety of text types as they investigate audience, context, purpose, meaning and variation. Students will analyze, construct and justify their personal opinions about topics related to the course content in both speaking and writing. Students will study and critique two Spanish-language works of literature and develop international-mindedness as they explore Spanish-speaking cultures. ***This course is designed to prepare students to successfully complete the IB Exam***

## IB AB INITIO MANDARIN I FL714

### IB AB INITIO MANDARIN II FL715

<b>Grades:</b> 11,12	2 Years	2 Credit-Weighted Grades
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		

This course will help students develop their receptive, productive, and interactive Mandarin Chinese language skills as they explore five prescribed IB themes and related topics through the study of simple authentic and adapted Chinese literature, geography, history, and art. The critical thinking process, social criticism and comparative cultural analysis will be emphasized. ***This course is designed to prepare students to successfully complete the IB Exam.***

## IB PERSONAL AND PROFESSIONAL SKILLS MI804

<b>Grades:</b> 11,12	1 Year	1 Credit-Weighted Grade
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<b><i>Elective credit will be issued for this course.</i></b>		

This course is designed for students to develop attitudes, skills and strategies to be applied in personal and professional situations and contexts now and in the future. In this course, the emphasis is on skills development for the workplace, as these are transferable and can be applied in a range of situations. Other qualities the course will include: responsibility, perseverance, resilience, self-esteem, and academic honesty.

## IB BUSINESS STANDARD LEVEL BT900

Grades: 11, 12	1 Year	1 Credit
<i>This course is taught at Gilbert High School, but is open to students from all Gilbert Public Schools.</i>		
<i>Elective credit will be issued for this course.</i>		

The course will cover a range of organizations from all sectors, as well as the socio-cultural and economic contexts in which those organizations operate. Students will learn to analyze, discuss and evaluate business activities at local, national and international levels. The course covers the key characteristics of business organization and environment and the business functions of human resource management, finance and accounts, marketing and operations management. Links between the topics are central to the course. Through the exploration of six underpinning concepts (change, culture, ethics, globalization, innovation and strategy), the course allows students to develop a holistic understanding of today's complex and dynamic business environment. The conceptual learning is firmly anchored in business management theories, tools and techniques and placed in the context of real world examples and case studies. The course encourages the appreciation of ethical concerns at both a local and global level. It aims to develop relevant and transferable skills, including the ability to: think critically; make ethically sound and well-informed decisions; appreciate the pace, nature and significance of change; think strategically; and undertake long term planning, analysis and evaluation. The course also develops subject-specific skills, such as financial analysis. ***This course is designed to prepare students to successfully complete the IB Exam.***

## Approved Literature List

<b>GPS Approved Novels that may be used as myPerspectives Unit Companion Novels 2024-2025</b>			
<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade</b>	<b>12th Grade</b>
Unit 1: American Voices My Antonia Stargirl The Joy Luck Club	Unit 1: Inside the Nightmare The Invisible Man Frankenstein	Unit 1: Writing Freedom	Unit 1: Forging a Hero
Unit 2: Survival Call of the Wild Lord of the Flies	Unit 2: Outsiders and Outcasts The Alchemist The Scarlet Letter The Hobbit	Unit 2: The Individual and Society The Jungle	Unit 2: Reflecting on Society The Importance of Being Earnest Pride and Prejudice
Unit 3: Civil Rights To Kill a Mockingbird	Unit 3: Extending Freedom's Reach (none at this time)	Unit 3: Power, Protest, and Change I am Malala A Separate Peace	Unit 3: Facing the Future; Confronting the Past Julius Caesar King Lear
Unit 4: Star-Crossed Lovers Jane Eyre Wuthering Heights	Unit 4: All That Glitters The Great Gatsby Great Expectations Treasure Island	Unit 4: Grit and Grandeur The Grapes of Wrath The Tale of Two Cities	Unit 4: Seeing New Things The Alchemist (also in 10th)
Unit 5: Journeys of Transformation The Adventures of Huckleberry Finn	Unit 5: Virtue or Vengeance Hamlet The Count of Monte Cristo	Unit 5: Facing our Fears Red Badge of Courage Heart of Darkness	Unit 5: Discovering the Self 1984 Brave New World
Unit 6: World's End Fahrenheit 451	Unit 6: Blindness and Sight King Lear	Unit 6: Ordinary Lives; Extraordinary Tales Of Mice and Men	Unit 6: Finding a Home Wuthering Heights

9th Grade:			
Life of Pi	The Miracle Worker	The Odyssey	The Pearl
Romeo and Juliet	When Legends Die	Animal Farm	A Raisin in the Sun
The Book Thief	Flowers for Algernon	The Hound of the Baskervilles	Mythology - Edith Hamilton
The Taming of the Shrew	Romeo and Juliet		
10th Grade:			
The Alchemist	Anthem	The Bean Trees	Bless Me Ultima
The Chocolate War	The Chosen	The Education of Little Tree	The Glass Menagerie
A Midsummer Night's Dream	Mythology	Nectar in a Sieve	Shadow of the Dragon
The Taming of the Shrew	Their Eyes Were Watching God	The Woman Warrior	The Aeneid
Antigone	Enemy of the People	Ibsen - Four Plays	The Inferno
The Metamorphosis	Siddhartha	Norton Anthology Vol. 1	Oedipus the King
The Tempest			
11th Grade			
Hiroshima	Just Mercy - A Story of Justice and Redemption	Old Man and the Sea	Our Town
The Outliers	Spoon River Anthology	All My Sons	An American Childhood
The Crucible	Man's Search for Meaning	Silent Spring	Bedford Reader
Norton Anthology of American Literature	A Streetcar Named Desire		
12th Grade			
Albuquerque	The Bean Trees	Catcher in the Rye	The Ceremony
The Crucible	Cry the Beloved Country	Cyrano de Bergerac	Death of a Salesman
Farewell to Arms	I Know Why the Caged Bird Sings	Just Mercy: A Story of Justice and Redemption	Man's Search for Meaning
The Namesake	The Nickel Boys	One Day in the Life of Denovich	Picture of Dorian Gray
Siddhartha	The Stranger	Their Eyes Were Watching God	Macbeth
The Awakening	Beloved	Catch 22	The Prologue - Canterbury Tales
The Ceremony	The Color Purple	The Portrait of the Artist as a Young Man	Rosencrantz and Guildenstern are Dead
The Waste Land	Three by Faulkner	Turn of the Screw	Waiting for Godot
	Billy Budd	Beowulf	

**SUMMER READING**  
**Honors, IB Prep, and AP Classes by Campus**

The intent of summer reading is to build stamina and prepare students to use sophisticated literacy skills the extensive reading an honors or AP class will require. While summer reading may or may not be an expectation in an honors or AP class, students who do not have a chance to complete the summer reading will have opportunities to engage in the development of those skills throughout the school year. It is not required but will help students prepare for the class. **\*See individual school websites for a complete list of summer reading requirements or whether summer reading is required.**

<p><b>Desert Ridge High School</b></p> <p>Honors English I: A Raisin in the Sun</p> <p>Honors English II: Anthem</p> <p>AP Literature English IV: A Streetcar Named Desire</p>	<p><b>Campo Verde High School</b></p> <p>AP Language English III: The Outliers</p>	<p><b>Gilbert High School</b></p> <p>Honors English I/IB Prep English I: Life of Pi</p> <p>Honors English II/IB Prep English II: The Bean Trees</p> <p>12th or 2nd Year IB - Student Choice and Persepolis Part 1</p> <p>AP Language English III: The Outliers</p> <p>AP Literature English IV: Frankenstein</p>
<p><b>Highland High School</b></p> <p>AP Language English III: Just Mercy</p> <p>AP Literature English IV: Heart of Darkness, Wuthering Heights</p>	<p><b>Mesquite High School</b></p> <p>Honors English I: The Book Thief</p> <p>Honors English II: The Bean Trees</p> <p>AP English III: The Outliers</p> <p>AP Literature English IV:-The Nickel Boys / Death of a Salesman</p>	<p><b>Gilbert Classical Academy</b></p> <p>Honors English I: The Hobbit</p> <p>Honors English II: Oedipus the King (Sophocles)</p> <p>AP Language &amp; Composition: Silent Spring</p> <p>AP Literature &amp; Composition: Our Town</p>

## Gilbert Accelerated Middle School (GAMS)

1101 E. Elliot Rd.  
 Gilbert, AZ 85234  
 (480) 497-0177

The Gilbert Accelerated Middle School (GAMS) at Gilbert High School is a unique program for 7th and 8th-grade students to be challenged academically in a supportive environment built on a love of learning while preparing students for a successful future in high school and beyond. GAMS is specifically designed to support and prepare students for the International Baccalaureate Diploma Programme and Career-related Programme options at Gilbert High School. Students are immersed in honors and accelerated curriculum with access to the resources of a comprehensive high school while in a supportive cohort of other 7th and 8th-grade students. The learning experience is both academically rigorous and well-rounded, based on the application of knowledge and reflection, project-based learning, critical thinking, cross-curricular portfolio building, and student-centered learning approaches. Students gain access to the instructional expertise of high school/college-level faculty and are encouraged and supported to develop strong leadership and study skills, preparing them for a successful future in high school and beyond. Benefits of GAMS include:

- High school and college-level faculty
- Honors and accelerated curriculum
- Personalized 6-year planning and student-centered learning
- Empowering future leaders for success on all levels
- Leadership and study skills development
- Performing Arts
- Career & Technical Education (CTE) loop
- Connections to high school clubs/student organizations

For more information, please visit our website at <https://www.gilbertschools.net/GAMS>.

# 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 7-12 providing an environment allowing every student to recognize their potential and plan for a promising future.

## **Canyon Valley School Mission Statement:**

Through a smaller learning environment, we foster both academics and social/emotional well-being. We inspire students to strive for their best, creating a place for students to belong.

## **Curriculum:**

The Canyon Valley School Program offers a comprehensive educational experience from 7th through 12th grade. Our curriculum is aligned with Arizona Academic State Standards and utilizes standards-based grading. With high-yield instructional strategies, students are continually engaged and become partners in their learning experience. Our high school program places special emphasis on credit recovery or acceleration in an environment where students are supported toward their goal of earning a high school diploma.

## **Registration:**

Registration is ongoing throughout the school year, with enrollment opportunities for transfer students and boundary exemptions available based on space availability. To learn more about our program, please call (480) 507-0519.

- **Junior High:** Registration for the Junior High is open prior to the beginning of, and during the first two weeks after, the start of each semester.
  - Junior High School Session: 8:30am - 2:30pm
  
- **High School:** Registration for the High School is open prior to the beginning of, and during the first two weeks after, the start of each quarter.
  - High School Sessions: AM Session 7:15am - 11:11am  
PM Session 11:36am - 3:32pm



## **Gilbert Classical Academy**

1016 N Burk Gilbert, AZ 85234  
(480) 497-4034

The Gilbert Classical Academy (GCA) is a 7th - 12th-grade 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 that embodies a strong unity among students and the community. All students are required to complete a senior thesis and 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 can participate in various sports, and they compete against other GPS junior high schools. High school students are members of the AIA, competing in various divisions depending on the sport. All divisions are based on school size to ensure appropriate competition.

For more information, please contact the Registrar at (480) 497-4034 or visit the website [gca.gilbertschools.net/academics](http://gca.gilbertschools.net/academics).

**Graduation Requirements:**

GCA students are required to adhere to the course plan listed below for their grade level. In addition, students are required to complete **80 hours** of various community service experiences in High School years prior to graduating. A senior thesis is also required prior to graduation.

\* Honors Algebra 1, taken in 8th grade, is a prerequisite to Honors Geometry. Algebra 1 does not fulfill one of the four years of high school math credits that all GCA students are required to complete for graduation.

**Enrollment Requirements:**

All Gilbert Classical Academy students are required to be enrolled full-time. The Academy has seven academic periods daily.

**Honors Courses:**

The GCA honors curriculum is designed to provide academic acceleration and enrichment for all students. These courses prepare students to take AP courses starting in their 10th-grade year. It is recommended that students maintain a “C” or better to continue at the Academy. All GCA Honors and AP courses receive weighted grades. While these courses are weighted, ***please be aware that many universities will unweight grades for admission/scholarship purposes.*** Gilbert Classical Academy does not offer dual enrollment course offerings.

**GCA Junior High School Course Plan**

Credits:	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade
Science (2 credits)	Honors Science 7	Honors Science 8
Math (2 credits)	Honors Pre-Algebra	Honors Algebra 1
English (2 credits)	Honors English 7	Honors English 8
History and Social Sciences (2 credits)	Honors History and Social Sciences 7	Honors History and Social Sciences 8
Classics (2 credits)	Honors Latin I	Honors Latin II
Physical Education (2 credits)	Physical Education	Physical Education
Music Elective (2 credits)	Band, Choir, or Orchestra	Band, Choir or Orchestra



**GCA 4-Year High School Course Plan**

Credits:	9th Grade	10th Grade	11th Grade.	12th Grade
Science (4 credits)	Honors Lab Biology	Honors Chemistry	AP Physics 1	AP Biology, AP Chemistry, or AP Physics 2
Mathematics (5 credits) *1 credit-JH Algebra	Honors Geometry	Honors Algebra II	AP Pre-Calculus, AP Calculus A/B, or AP Calculus B/C	AP Calculus B/C, AP Statistics, or Calc III/Diff Equa
English (5.5 credits)	Honors English I	AP Seminar	AP Language	AP Literature
	Logic (.5)	Creative Writing (.5)	Honors Speech/Debate(.5)	
History & Social Studies (3.5 credits)		AP World History	AP US History	AP American Government (.5)
			Honors Economics (.5)	Honors Philosophy (.5)
Fine Arts Elective (2 credits)	Choose 1	Choose 1		
Physical Education (1 credit)	Physical Education			
World Language (2 credits)	Honors Spanish I or Honors Latin III	Honors Spanish II or Honors Latin IV	AP Latin or Spanish 3	Latin VI
AP Capstone (2 credits)		AP Seminar (above)	Service Learning College Prep	AP Research
Electives (4 Credits)	Academic Workshop 9 (.5)	Academic Workshop 10 (.5)	Choose 1	Choose 2

### **Courses Offered at Gilbert Classical Academy**

Gilbert Classical Academy uses courses listed through the Gilbert Public Schools course description book in addition to the following unique honors classes outlined in this section.

#### **SERVICE LEARNING COLLEGE PREP SS611**

<b>Grade:</b> 11	1 Year	1 Credit
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This course is available at Gilbert Classical Academy Only

Students will continue to collect service learning hours in fulfillment of the Gilbert Classical Academy graduation requirement. Students will participate in SAT Preparation, college research, scholarship searches, write college essays, and update academic resumes. Students will begin the college applications process.

#### **LOGIC AND ACADEMIC WORKSHOP EN513**

<b>Grade:</b> 9,10,11,12	1 Year	1 Credit
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This course is available at Gilbert Classical Academy Only

This course will present the development of a formal system of propositional and predicate logic for the evaluation of reasoning. The general goal is to learn how to differentiate well-reasoned arguments. This course will provide assistance for students in achieving academic success. Course content includes self-management, study strategies, digital literacy, and ongoing development of critical thinking skills.

#### **CREATIVE WRITING AND WORKSHOP AW512**

<b>Grade:</b> 9,10,11,12	1 Year	1 Credit
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This course is available at Gilbert Classical Academy Only

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. This course will provide assistance for students in achieving academic success. Course content includes structured scholastic study, vocabulary development, critical thinking skills, and preparation for standardized examinations such as the PSAT.

#### **HONORS SPEECH AND DEBATE EN912W**

<b>Grade:</b> 9,10,11,12	1/2 Year	.5 Credit-Weighted Grade
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This course is available at Gilbert Classical Academy Only

This course will cover the basic methods of speech writing, argumentation, philosophy, research, and delivery skills as well as literary analysis, interpretation, and current events. It includes studies in reasoned decision making with an emphasis on debate propositions, evidence, reasoning, constructing cases, and refuting or defending arguments.

#### **HONORS ECONOMICS SS412W**

<b>Grade:</b> 11	1/2 Year	.5 Credit-Weighted Grade
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This course is available at Gilbert Classical Academy Only

This course will study economics both on a large and small scale. Macroeconomics will discuss the principles of economics that apply to an economic system as a whole, emphasizing the study of national income and price-level determination. The study of Microeconomics analyzes the functions of individual decision-makers, both consumers and producers within the economic system.

#### **HONORS PHILOSOPHY SS512W**

<b>Grade:</b> 11	1/2 Year	.5 Credit-Weighted Grade
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This course is available at Gilbert Classical Academy Only

This course will introduce students to the Western philosophical tradition, through the study of major figures such as Plato, Aristotle, Descartes, Hume, and Kant. Students will observe changes in intellectual outlook over time, and the effect of scientific, religious, and political concerns on the development of philosophical ideas.



## GPS Global Academy- Online Learning Opportunities

Gilbert Public Schools and GPS 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, counselor, and GPS Global Academy staff, within one of the following enrollment options:

**Full-time Online Student:** Full-time GPS Global Academy students complete all coursework via online classes at home or other non-brick-and-mortar school locations.

- Full-time 7th, 8th, and 9th-grade students will enroll in synchronous English and Math classes. In these classes:
  - Teachers lead regularly scheduled virtual class sessions with engaging lessons
  - Students move at the same pace as their classmates
  - Classes follow the semester schedule
  - Students may enroll in synchronous courses anytime between the start of the semester and the 4 1/2 week mark
- Junior High students and high school students will also take a schedule of five to six asynchronous, student-paced classes. In these classes:
  - Students may choose to complete their classes at the time and place of their choice but must maintain a weekly average of 5 hours of time spent on each of their classes.
  - The teacher is available for support and will facilitate the learning in the class.
  - Students may have a maximum of 18 weeks to complete their course but may do so sooner.

**Concurrently Enrolled Student:** Students may enroll with GPS Global Academy to take an online class outside their traditional school day when looking for a way to accelerate earning credit or making up credits they are missing. These courses follow the asynchronous course format.

- Students set their own pace in the course, which can be completed in up to a maximum of 18 weeks
- The teacher assumes the role of facilitator: grading work, providing feedback, and providing help when asked
- Students may enroll and complete asynchronous courses throughout the entire calendar year.

**Center For Success** through a conventional GPS junior high or high school

- Students may take an online class during their traditional school day at a brick-and-mortar campus. They benefit from the direct, in-person support of a teacher as well as the opportunity to move through course material at their own pace.
- Note: Some teachers also use Global Academy's curriculum for their own educational purposes. These classes are not connected to Global Academy and are instead connected fully to the campus to which the teacher belongs.

For more information and to learn how to enroll with GPS Global Academy, visit <http://www.gilbertschools.net/JoinGGA>, email [GAOnline@gilbertschools.net](mailto:GAOnline@gilbertschools.net), or call (480) 507-1476.

When considering whether a student will be enrolled, GGA administration will consider the student's:

- history with online courses

- Students who will be admitted will have a history of passing grades in online courses, consistent attendance, and little or no record of academic dishonesty.
- online learning readiness
  - Students who will be admitted will be able to read independently, organize their physical and digital workspace, manage their time, and motivate themselves to stay on track in their coursework. They should also be able to advocate for themselves when they need help from their teacher or from Global Academy staff.
- number of credits remaining until graduation.
  - Students must be within 6 credits of being on track to their 4-year graduation date at the time of application. Their transcript and history of success in online courses will be reviewed to determine eligibility for enrollment.

To see whether online learning is a good fit for your family, please visit <http://www.gilbertschools.net/global>. Our team is available to meet with any prospective students and/or families to assist with determining eligibility and whether online learning is a fit.

#### Final Exams

- a. Because asynchronous classes are completed entirely away from school, final exams are an important measure used to determine student mastery of standards, concepts and required learning in their course. In order to receive credit for the course, students must pass each section of the final exam with a score of 60% or higher.
- b. In order to take the final exam, students must complete all assignments in the course with a score of 50% or higher.
- c. Final exams should be completed no later than the scheduled end date of the course (18 weeks from the start of class).
- d. All final exams must be completed in person, under the supervision of a test proctor.

#### Extra course fee policy

Gilbert Public Schools Governing Board Policy IIE-R states that students who wish to take an additional class above the 6-course limit will be charged an additional course fee. This fee must be paid in full in order to begin the course.

- i. Note: Students whose families qualify for free or reduced lunch through the GPS district nutrition department are eligible for a free or discounted extra course.

#### Transfer-to-campus procedure

The mission of GPS Global Academy is to provide an anytime/anywhere learning opportunity for all 7th through 12th grade students. In accordance with A.R.S. 15-808 and Gilbert Public Schools policy IHBHD, our school must ensure that all enrolled students are showing success in the online environment. This includes consistent attendance, performance on state exams, behavior and more.

When a student shows signs of struggling in any of these areas, Global Academy staff will communicate thoroughly with parents and work with the family to correct the issue. If, after all efforts have been made, the student continues to struggle or not show progress, the GPS Global Academy principal may decide to transfer the student to an in-person, brick-and-mortar school at the beginning of the following semester.

## NCAA

- a. GPS Global Academy has been approved by the NCAA and certain courses have been granted "core course" status for the purpose of determining NCAA eligibility. Approved core courses are noted in our online course catalog.
- b. The NCAA retains full decision-making authority about whether to accept credits from courses completed online. To reduce the chances that a course will be declined, Global Academy has instituted the following procedures:
  - i. Prospective NCAA athletes should NOT take a credit recovery course; these credits will not be counted by the NCAA.
  - ii. There will be NO course extensions granted beyond 18 weeks to prospective NCAA athletes, for any reason.
- c. For further information, please visit <https://www.gilbertschools.net/Page/795> and the NCAA Eligibility Center at <http://www.eligibilitycenter.org>.

## Courses Offered at GPS Global Academy

GPS Global Academy uses courses listed through the Gilbert Public Schools course description book in addition to the following unique classes outlined in this section. All online courses are coded with either “OA,” denoting an asynchronous class, or “OS,” denoting a synchronous class, at the end of the conventional course number. For example, the course number for online asynchronous English IA is EN105AOA.

<p>HONORS ENGLISH III EN320 A/B OA 0.5 credit per semester weighted * Offered to full-time GPS Global Academy students only</p> <p>Grade: 11</p>	<p>This course will focus on the same skills as English III but with increased rigor due to inquiry, reflection, discussion, and analysis. Students will continue to develop their skills in designing their own research and analysis questions, be able to provide thoughtful and increasingly sophisticated reflection on their own utilization and progress in the use of critical literacy skills. Students learn to defend their opinions and positions with credible evidence from multiple texts and explain why the texts are considered credible in relation to the student's purpose.</p>
<p>HONORS ENGLISH IV EN420 A/B OA 0.5 credit per semester weighted * Offered to full-time GPS Global Academy students only</p> <p>Grade: 12</p>	<p>This course will focus on the same skills as English IV but with increased rigor due to inquiry, reflection, discussion, and analysis. Students will continue to develop their skills in designing their own research and analysis questions, be able to provide thoughtful and increasingly sophisticated reflection on their own utilization and progress in the use of critical literacy skills. Students learn to defend their opinions and positions with credible evidence from multiple texts and explain why the texts are considered credible in relation to the student's purpose.</p>
<p>FITNESS LIFESTYLE DESIGN PE104 OA 0.5 credit</p> <p>Grade: 9, 10, 11, 12</p>	<p>Discover habits of body and mind that will lead to a healthier lifestyle. You will measure your current fitness level and nutrition knowledge and create a plan for achieving your individual goals.</p>
<p>HEALTH OPPORTUNITIES THROUGH PHYSICAL EDUCATION PE506 A/B OA 0.5 credit per semester</p> <p>Grade: 9, 10, 11, 12</p>	<p>With a focus on health and fitness, this course guides students to be active and healthy now and for a lifetime. Students set personal goals in four areas of wellness: physical, emotional, social, and academic. Fitness assessments enable students to establish baseline levels of fitness and work toward improvement in specific areas. At the end of each module, students submit a wellness plan documenting their daily physical activity, progress toward goals, changes in fitness assessment results, and reflections on personal progress. By following individualized training principles, students can achieve personal success and gain confidence, while they develop healthy lifestyle habits.</p>
<p>PERSONAL FITNESS PE507 OA 0.5 credit</p> <p>Grade: 9, 10, 11, 12</p>	<p>Get started on your path to lifelong fitness by setting goals and working toward them. Along the way, you'll perform daily physical activity, design a fitness plan, and keep track of your progress using an interactive wellness plan.</p>
<p>DIGITAL INFORMATION TECHNOLOGY BT170 A/B OA 0.5 credit per semester</p> <p>Grade: 9, 10, 11, 12</p>	<p>Dive into an exciting course that will provide you with the foundational skills needed for exciting careers like game development, military defense, web design, and software engineering! You will explore Microsoft Office online applications, web design, emerging technologies, operating systems, project management, communication methods, Information Technology careers, and much more in this course. Learn about your strengths and how they relate to different career paths.</p>
<p>HONORS ANATOMY &amp; PHYSIOLOGY SC147 A/B OA 0.5 credit per semester * Offered to full-time GPS Global Academy students only</p> <p>Grades: 11, 12</p>	<p>This honors level course was developed using the same standards as the general level course and consists of the same course modules. However, the honors level course requires students to complete additional assignments each semester. Module tests and semester exams are differentiated. Successful completion of Algebra I is required.</p>

<p>FORENSIC SCIENCE SC603 A/B OA 0.5 credit per semester (Elective credit only)</p> <p>Grades: 11, 12</p>	<p>Take a new look at forensics through the lens of some of the world's most famous and intriguing crime cases. This course examines the latest forensic techniques and innovations used to solve crimes. It also focuses on basic scientific principles and laboratory processes used in the field, such as DNA testing, presumptive tests, and material analysis. Investigative experiences for students include electrophoresis and evidence analysis techniques such as fingerprinting, blood typing, and fiber analysis. Students also study crime scene investigation (CSI) and evidence collection using mock crime scenes.</p>
<p>ARTIFICIAL INTELLIGENCE IN THE WORLD BT171 OA 0.5 credit</p> <p>Grade: 9, 10, 11, 12</p>	<p>Artificial Intelligence in the World is an introductory course that guides students through the concepts, tools, and building blocks of artificial intelligence. This course provides students with a broad overview of how AI is used in decision-making and problem-solving worldwide. Students will learn how ethics impacts AI and will also have the opportunity to explore the various parts of AI with hands-on activities through the use of chatbots and other exciting interactives.</p>
<p>APPLICATIONS OF ARTIFICIAL INTELLIGENCE BT172 OA 0.5 credit</p> <p>Grade: 9, 10, 11, 12</p>	<p>Building on the foundational knowledge acquired in Artificial Intelligence in the World, you'll embark on a thrilling journey through the world of artificial intelligence. From machine learning to robotics, you'll gain hands-on experience developing AI systems, delve into the complexities of natural language processing and computer vision, and consider the ethical and societal implications of this rapidly evolving technology. Get ready to be amazed and inspired by the limitless possibilities of AI as you immerse yourself in this cutting-edge field. Successful completion of Artificial Intelligence in the World is required.</p>

## Fee schedule for 2024-2025

Course #	Course Name	Course Fee	Term	Purpose of Fee	Additional Program Costs: see teacher syllabus for exact cost and details
<b>Agriculture</b>					
AG100	Applied Biological Systems	\$15.00	Year	Classroom Supplies	
AG120	AG Engineering and Fabrication I	\$50.00	Year	Classroom Supplies	
AG200	Agricultural Leadership Development	\$15.00	Year	Classroom Supplies	
AG201	AG Science-Animal	\$15.00	Year	Classroom Supplies	
AG205	AG Science - Plant I	\$25.00	Year	Classroom Supplies	
AG206	Biotechnology in Agriculture	\$25.00	Year	Classroom Supplies	
AG208	AG Science Veterinary	\$15.00	Year	Classroom Supplies	
AG221	AG Engineering and Fabrication II	\$50.00	Year	Classroom Supplies	
AG306	AG Science - Plant II	\$25.00	Year	Classroom Supplies	
AG310	AG Business and Management	\$15.00	Year	Classroom Supplies	
AG315	Agricultural Processing	\$25.00	Year	Classroom Supplies	
AG400/401	Advanced Agriculture/AG Co-Operative Education (ACE)	\$15.00	Year	Classroom Supplies	
<b>Business Education</b>					
BT206	Honors Robotics	\$40.00	Year	Classroom Supplies	
BT510	Broadcasting and Video Production I	\$35.00	Year	Classroom Supplies	
BT511	Broadcasting and Video Production II	\$35.00	Year	Classroom Supplies	
BT512	Broadcasting and Video Production III	\$35.00	Year	Classroom Supplies	
<b>Family and Consumer Sciences</b>					
LM102	Fashion Design I	\$30.00	Year	Classroom Supplies	
LM103	Fashion Design II	\$30.00	Year	Classroom Supplies	
LM104	Interior Design I	\$30.00	Year	Classroom Supplies	
LM105	Interior Design II	\$30.00	Year	Classroom Supplies	
LM106	Culinary Arts I	\$35.00	Sem	Classroom Supplies	
LM107	Culinary Arts II	\$35.00	Sem	Classroom Supplies	
LM500	Culinary Arts III	\$35.00	Sem	Classroom Supplies	



LM110	Early Childhood - Child Development	\$10.00	Sem	Classroom Supplies	
LM112	Teacher Preparation Program I	\$10.00	Year	Classroom Supplies	
LM113	Teacher Preparation Program II	\$10.00	Year	Classroom Supplies	
LM300/301	Early Childhood - TOYBOX <a href="#">Class</a> /TOYBOX Lab I	\$10.00	Year	Classroom Supplies	
LM302	Early Childhood - TOYBOX II	\$10.00	Year	Classroom Supplies	
LM400/401	Advanced FACS/HERO CO-OP	\$20.00	Year	Classroom Supplies	
<b>Fine Arts - Performing - Orchestra</b>					
PA100	Concert Orchestra I	\$50.00	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$75.00
PA101	Concert Orchestra II	\$50.00	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$675.00
PA105	Symphonic Strings	\$25.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$225.00
PA110	Symphony Orchestra	\$25.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$675.00
PA115	Golden Strings (GHS)	\$0		Supplies, Repairs, Registrations, Transportation	Not to Exceed \$25.00
PA116	Strolling Strings (DRHS & HHS)	\$0		Supplies, Repairs, Registrations, Transportation	Not to Exceed \$25.00
PA117	Mesquite Strings (MHS)	\$0		Supplies, Repairs, Registrations, Transportation	Not to Exceed \$25.00
PA118	Coyote Strings (CVHS)	\$0		Supplies, Repairs, Registrations, Transportation	Not to Exceed \$25.00
<b>Fine Arts - Performing - Vocal</b>					
PA120	Choir	\$40.00	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$75.00
PA125	Treble Choir	\$40.00	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$75.00
PA130	Advanced Treble Choir	\$40.00	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$700.00
PA135	Concert Choir	\$40.00	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$800.00
PA140	Advanced Vocal Ensemble	\$40.00	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$650.00
PA145	Bass Choir	\$40.00	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$75.00
<b>Fine Arts - Performing - Band</b>					
PA151	Varsity Marching Band	\$75.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed 1250.00
PA155	Jazz Band I	\$50.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$350.00
PA156	Jazz Band II	\$50.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$800.00

PA159	Concert Band I	\$50.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$125.00
PA160	Concert Band II	\$50.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$125.00
PA165	Symphonic Band	\$50.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$800.00
PA170	Wind Ensemble	\$50.00	Sem	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$800.00
<b>Fine Arts - Performing - Drama</b>					
PA175	Beginning Theatre Arts	\$10.00	Year	Classroom Supplies	Not to Exceed \$20.00
PA176	Intermediate Theatre Arts	\$10.00	Year	Classroom Supplies	Not to Exceed \$20.00
PA177	Advanced Theatre Arts	\$10.00	Year	Classroom Supplies	Not to Exceed \$20.00
PA178	Performance Theatre Arts	\$20.00	Year	Classroom Supplies	Not to Exceed \$20.00
PA179	Unified Theatre Arts	\$10.00	Year	Classroom Supplies	Not to Exceed \$20.00
PA185	Unified Music	\$20.00	Year	Classroom Supplies	
PA920/PA921	IB Music Performance Standard Level I/II	\$0	Year	Classroom Supplies	Not to Exceed \$75.00
<b>Fine Arts - Visual</b>					
MI701	Unified Ceramics	\$30.00	Sem	Classroom Supplies	
MI702	Unified Art & Design I	\$20.00	Sem	Classroom Supplies	
VA099	Art Survey	\$30.00	Sem	Classroom Supplies	
VA100	Art and Design I	\$25.00	Sem	Classroom Supplies	
VA102	Art and Design II - Painting	\$30.00	Sem	Classroom Supplies	
VA103	Art and Design II - Drawing	\$25.00	Sem	Classroom Supplies	
VA104	AP Drawing	\$40.00	Sem	Classroom Supplies	
VA110	Cartooning I	\$20.00	Sem	Classroom Supplies	
VA111	Cartooning II	\$20.00	Sem	Classroom Supplies	
VA121	Ceramics I	\$40.00	Sem	Classroom Supplies	
VA122	Ceramics II	\$45.00	Sem	Classroom Supplies	
VA125	3-D Art I	\$30.00	Sem	Classroom Supplies	
VA126	3-D Art II	\$30.00	Sem	Classroom Supplies	
VA128	AP 3-D Art and Design	\$45.00	Sem	Classroom Supplies	
VA141	Photo Imaging I	\$40.00	Sem	Classroom Supplies	
VA142	Photo Imaging II	\$40.00	Sem	Classroom Supplies	
VA146	Digital Photography I	\$40.00	Sem	Classroom Supplies	
VA147	Digital Photography II	\$40.00	Sem	Classroom Supplies	

VA149	AP 2 D Art and Design	\$40.00	Sem	Classroom Supplies	
VA150	Graphic Design I	\$40.00	Sem	Classroom Supplies	
VA151	Graphic Design II	\$40.00	Sem	Classroom Supplies	
VA160	Metals/Jewelry I	\$45.00	Sem	Classroom Supplies	
VA161	Metals/Jewelry II	\$45.00	Sem	Classroom Supplies	
<b>Industrial Education</b>					
IE107	Fundamentals of Woodworking Technology/ Construction	\$50.00	Year	Classroom Supplies	
IE108	Advanced Woodworking Technology	\$60.00	Year	Classroom Supplies	
IE109	Furniture Design and Manufacturing	\$60.00	Year	Classroom Supplies	
IE110	Automotive Technology I	\$40.00	Year	Classroom Supplies	
IE111	Automotive Technology II	\$40.00	Year	Classroom Supplies	
IE112	Automotive Technology III	\$40.00	Year	Classroom Supplies	
IE140	Electronics/Robotics I	\$30.00	Year	Classroom Supplies	
IE141	Electronics/Robotics II	\$40.00	Year	Classroom Supplies	
<b>Miscellaneous</b>					
EN507	Forensics: Speech and Debate	\$0	Year	Supplies, Repairs, Registrations, Transportation	Not to Exceed \$100.00
MI200	Gaming Concepts (eSports)	\$30.00	Sem	Classroom Supplies	
MI700	Unified Culinary Arts	\$35.00	Sem	Classroom Supplies	
MI710	Unified Woodworking	\$25.00	Year	Classroom Supplies	
PE505	Drivers Education	\$20.00	Sem	Classroom Supplies	

<b>Voc -Ed Physical Education</b>					
PE107	Advanced Dance	\$0	Year	Costume Expenses	Not to Exceed \$200.00
PE108	Danceworks LTD, Company (GHS)	\$0	Year	Costume Expenses	Not to Exceed \$200.00
PE109	One Image Dance Company (HHS)	\$0	Year	Costume Expenses	Not to Exceed \$200.00
PE110	Beyond Motion (MHS)	\$0	Year	Costume Expenses	Not to Exceed \$200.00
PE111	Pulse (DRHS)	\$0	Year	Costume Expenses	Not to Exceed \$200.00
PE112	Soulmatic Rhythm (CVHS)	\$0	Year	Costume Expenses	Not to Exceed \$200.00
PE500	Sports Medicine I	\$10.00	Year	Classroom Supplies	
PE501	Sports Medicine II	\$10.00	Year	Classroom Supplies	
PE920	IB Dance Standard Level	\$0	Year	Costume Expenses	Not to exceed \$200
<b>Voc - Ed Science</b>					

SC202	Digital Electronics	\$20.00	Year	Classroom Supplies	
SC210	Principles of the Biomedical Sciences	\$20.00	Sem	Classroom Supplies	
SC211	Human Body Systems	\$20.00	Sem	Classroom Supplies	
SC212	Medical Interventions	\$20.00	Sem	Classroom Supplies	
SC213	Biomedical Innovation	\$20.00	Sem	Classroom Supplies	

SECONDARY (7-12 Grades)	FEE	TERM	PURPOSE
<u>Additional Course Fee</u> Comprehensive High School Gilbert Global Academy Gilbert Classical Academy  Note: If participation in a program requires concurrent enrollment in two or more classes, an extra course fee may not be charged.	\$200.00	Per .5 credit course Semester	Fee for additional courses above 6 Fee for additional courses above 7 (GCA)
Summer School	\$200.00	Per .5 credit course Semester	Summer School - Credit Recovery or Enrichment
Activity Card* (JH)	\$10.00		
<u>Athletic/Activity Fee</u> High School (AIA) Junior High	\$125.00 \$100.00	Sport Season	Coaches Stipends/ Transportation/Supplies
<u>Breakfast/Lunch</u> High School	\$2.25/\$3.90		Go to <a href="#">GPS Nutrition Services Website</a> for free and reduced lunch application
Calculator Rental*	\$35.00	Year	
Class Activity/Extracurricular Fee	\$1.00		
Late Library Fees – Per Day	\$.10		
Replacement ID Temporary Sticker ID	\$5.00 \$1.00		For each ID replacement For each temporary ID sticker
Student Parking*	\$60.00	Year	Supplements Security Costs
Test Fees PSAT, SAT, ACT, AP, IB	\$10.00-\$119	Per Test	Cost of the Test, materials, processing results
<b>TECHNOLOGY FEES</b>			
Optional Technology Device Protection Plan	\$25.00	Year	Rollover/Year based
<b>With DPP/Without DPP</b>			
	\$200.00/\$200.00	Year	Device Replacement (Lost)
	\$0 / \$200.00		Device Replacement (Stolen)
	\$0 / \$16.00		Touchpad board
	\$0 / \$31.00		Battery
	\$0 / \$14.00		Power connector cable
	\$0 / \$26.00		Base enclosure

	\$0 / \$30.00		Display panel (screen)**
	\$0 / \$14.00		Display bezel (front cover)
	\$0 / \$30.00		Display back cover
	\$0 / \$16.00		Display Hinges
	\$0 / \$12.00		Display video cable
	\$0 / \$36.00		Keyboard / top cover
	\$0 / \$43.00		Wifi card
	\$0 / \$15.00		Speaker kit
	\$25.00 / \$25.00		AC Adapter
	\$0 / \$29.00		Webcam
	\$0 / \$17.00		Antenna Cable
	\$0 / \$85.00		System Board

**\*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 extracurricular activities, the fee is for the course not the activities.

# East Valley Institute of Technology (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, Cave Creek, Chandler, Fountain Hills, Gilbert, Higley, J.O. Combs, Mesa, Queen Creek, Scottsdale, and Tempe.

Classes are offered at two campuses:

- Dr. A. Keith Crandell (Main) Campus, 1601 W. Main St.
- Power Campus, 6625 S. Power Road

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.

## Mission, Vision, Philosophy

### Institutional Mission Statement

To change lives by loving our students and serving our communities with a career and college preparatory training experience that produces a qualified workforce, meeting the market-driven needs of business and industry.

### District 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.

### Accreditation

**High School** - EVIT is a public non-profit institution recognized by the Arizona Department of Education as a Cognia accredited Career and Technical Education institution. <https://www.cognia.org>.

**Adult Education** - East Valley Institute of Technology Adult Education Center is Accredited by the Commission of the Council on Occupational Education (COE),

7840 Roswell Road, Building 300, Suite 325 Atlanta, GA 30350, Telephone: 770-396-3898 / FAX:

770-396-3790, [www.council.org](http://www.council.org).

**Note:** Blended programs are offered in the high school setting.

# Leadership

## School Leadership & Contacts

### Board Members

Shelli Boggs - President

Peter Boyle

Robert T Covington

Josh Hart

William R Hobson

David Lane

Amber McAfee - Clerk

Laura Metcalfe

LaMar Watkins

### Executive Leadership

Dr. Chad Wilson, Superintendent

Dr. Ronda Doolen, Chief Academic/Operations Officer

CeCe Todd, Public Information Officer

Edith Perez, Chief Financial Officer

Kevin Koelbel, Director of Legal Services

### Campuses

#### Dr. A. Keith Crandell (Main) Campus

1601 West Main Street Mesa, Arizona 85201

480-461-4000

#### Power Campus

6625 South Power Road Mesa, Arizona

85212

480-308-4600

## Attendance, Enrollment Advisor, Financial Services, Registration/Registrar

### Receptionist/Attendance

*General questions/attendance*

- Attendance: 480-461-4026\* [attendance@evit.com](mailto:attendance@evit.com)
- Main Campus: 480-461-4000\*

**Registration/Registrar** - 480-461-4108 [registration@evit.com](mailto:registration@evit.com),  
[registrar@evit.com](mailto:registrar@evit.com) *General advisement & student records*

**Enrollment Advisors** - 480-461-4110 [adulsted@evit.com](mailto:adulsted@evit.com)

**Emergencies/Issues after 3:00 PM:** 480.612.5787\**Program information, enrollment contracts & resources*

Power Campus: 480-308-4600\*

Main Campus Health Building: 480-461-4001\*

Main Campus Cosmetology Building: 480-461-4033\*

### Financial Aid Advisors

480-461-4025, 480-461-4027

[adultfinancialaid@evit.com](mailto:adultfinancialaid@evit.com)

*Financial services, VA benefits, FAFSA, grants & scholarships*

**\*Call to speak with someone to get an urgent message to your student/family member if class is in session.**

## Counseling, SPED, Tech Support, Administrators

### Special Education (SPED):

480-461-4155, 480-461-4165, [sped@evit.com](mailto:sped@evit.com)

### Tech Support (Help Desk line):

480-461-4074, [support@evit.com](mailto:support@evit.com)

### Counseling

- Courtney Conroy, 480-461-4166 [cconroy@evit.com](mailto:cconroy@evit.com)



- Joyce Eagar-Lemons, 480-461-4159  
[jeagar-lemons@evit.com](mailto:jeagar-lemons@evit.com)
- Jennifer Johnson, 480-308-4633 [jjohnson@evit.com](mailto:jjohnson@evit.com)
- David Pullman, 480-308-4607 [dpullman@evit.com](mailto:dpullman@evit.com)

## EVIT Social Media

@evitnews

- **Facebook**

<https://www.facebook.com/EVITnews>

- **Instagram**

<http://instagram.com/evitnews>

- **Twitter**

<https://twitter.com/EVITNews>

- **YouTube**

<http://www.youtube.com/user/EVITNews>

- **Linked In** <https://www.linkedin.com/school/east-valley-institute-of-technology>

- **Pinterest**

<https://www.pinterest.com/evitnews/>

- **Tik Tok**

[https://tiktok.com/@evitnews\\_](https://tiktok.com/@evitnews_)

- **Podcast**

<https://anchor.fm/evitnews>

- **Dr. Chad Wilson** , Superintendent 480-461-4016,  
[cwilson@evit.com](mailto:cwilson@evit.com) Programs: Culinary

- **Dr. Ronda Doolen**, Chief Academic/Operations Officer  
480-461-4040, [rdoolen@evit.com](mailto:rdoolen@evit.com)

Programs: Aesthetics, Barbering, Cosmetology

- **Paula Corbin**, Director

480-461-4014, [pcorbin@evit.com](mailto:pcorbin@evit.com) Programs: Behavioral Health, Coding, Criminal Justice, Early Childhood, Fashion,

Interior Design, Pharmacy Technician, Radio, Vet Assisting, Video Production

- **Laura Cork**, Adult Health Director 480-461-4016, [lcork@evit.com](mailto:lcork@evit.com)

Programs: LPN, SPT, and Surgical Technology

- **Lisa French**, Program Supervisor 480-461-4075, [lfrench@evit.com](mailto:lfrench@evit.com)

Programs: Aesthetics, Barbering Cosmetology

- **Jon Howell**, Director

480-461-4030, [jhowell@evit.com](mailto:jhowell@evit.com)

Programs: 3D Animation, Collision, Computer Repair, Construction (Main & Apache Junction), Electrical, Engineering, Graphic Design, Networking, Welding; Foundation Liaison

- **Eric Middleton**, Director

480-461-4011, [emiddleton@evit.com](mailto:emiddleton@evit.com) Programs: Auto, Aviation, Diesel, Fire, HVAC, Plumbing

- **Jennifer Schwartz**, Director

480-461-4610, [jschwartz@evit.com](mailto:jschwartz@evit.com) Programs: Dental Assistant, EMT, Massage, Medical Assistant, Nursing Assistant, Physical Therapy Technician

- **John Zuccato**, Dean of Students 480-461-4090, [jzuccato@evit.com](mailto:jzuccato@evit.com)

## Admissions

### Admission Requirements and Procedures

Admission decisions are based on the applicant's fulfillment of the following requirements, a review of the applicant's previous educational records, and a review of the applicant's career interests. It is the responsibility of the applicant to ensure that the EVIT Registration receives all required documentation. All records received become property of EVIT.

## High School Students

High school students and/or their parents may want to meet with the home school guidance counselor or an EVIT guidance counselor to discuss options for attending EVIT.

### Basic Academic Requirements

High School Students\*

- 2.0 GPA
- 6 HS credits
- No suspensions during the school year prior to attending EVIT

\*Students who do not meet the above requirements are highly encouraged to apply.

*\*Enrollment is contingent upon a completed Student Success Contract which will allow students who do not meet the minimum requirements to enroll in one of our many programs.*

\*Please see individual program description for any additional requirements.

### Application Process

The application portal for high school students is: [www.evit.com/enrollnow](http://www.evit.com/enrollnow)

If students or parents/guardians have any questions about the process, please call the admissions office at 480-461-4108.

### Admissions Appeal Procedure (High School)

If an applicant is denied admission, the EVIT admissions team will email the applicant a denial notification along with the reason(s) for denial. Applicants may choose to appeal the denial by replying to the denial notification ([admissions@evit.com](mailto:admissions@evit.com)). The appeal request must be succinctly written and explain how and why the applicant believes he/she meets the admissions criteria.

The appeal and all supporting documentation submitted in the application packet will be reviewed by an internal EVIT committee. The committee will include the program director, and a final admissions decision will be made. The applicant will be notified in writing as to the approval or denial of the appeal.

## Adult Students

Each applicant for admission must work with an Enrollment Advisor who guides the applicant through the steps of the admissions process, provides information on curriculum, policies, procedures, and services, and assists the applicant in setting necessary appointments and interviews.

## Basic Admission Requirements

Adult Education Students\*

- High school graduate, or
- General Educational Development (GED), or
- HiSET recipient

\*Please see individual program description for any additional requirements.

## Regular Bell Times

High School Class	Bell at Start of Class	Bell at End of Class
AM Session	8:00 AM	10:35 AM
PM Session	12:00 PM	2:35 PM
4-hour AM Session	7:00 AM	11:00 AM
4-hour PM Session	12:00 AM	4:00 PM

## Additional Class Times

Some classes at EVIT start and end on a different schedule (i.e., Cosmetology, Massage Therapy, Emergency Medical Technician, adult-only programs, etc.) Students enrolled in these classes are responsible for making appropriate arrangements to avoid tardiness.

## Alternate Class Schedules (High School only)

EVIT does not adjust high school schedules to reflect late starts, early release, alternate schedules or half-days, regardless of homeschool schedules.

## Program Information

### Program Offerings

Certificate Programs	High School Offerings	Blended Offerings	Adult-Only Offerings	Campus
Aesthetics	X	X	X	Main & Power

<b>Certificate Programs</b>	<b>High School Offerings</b>	<b>Blended Offerings</b>	<b>Adult-Only Offerings</b>	<b>Campus</b>
Automotive Technologies	X	X		Main
Aviation	X			Power
Barbering	X	X		Main
Collision Repair	X	X	X	Main
Commercial Baking & Pastry Arts	X	X		Main
Construction Technologies	X	X		Main
Cosmetology	X	X	X	Main & Power
Criminal Justice	X			Main & Power
Culinary Arts	X	X		Main
Dental Assisting	X	X		Main
Diesel Technologies	X	X		Main
Digital Animation	X			Main
Early Childhood Education	X			Main
Electrical & Power Transmission Installation	X			Main
Emergency Medical Technician	X	X	X	Main
Fashion Design & Merchandising	X			Main
Fire & Emergency Services	X	X		Main

Future Engineers	X			Power
Graphic Design	X	X		Main
HVAC-R	X	X	X	Main
Interior Design	X			Main
Massage Therapy	X		X	Main
Medical Assistant	X	X		Main & Power
Mental & Social Health Technician	X	X		Main

<b>Certificate Programs</b>	<b>High School Offerings</b>	<b>Blended Offerings</b>	<b>Adult-Only Offerings</b>	<b>Campus</b>
Network Security	X			Main
Nursing Assistant	X		X	Main & Power
Pet Grooming	X			Power
Pharmacy Technician	X	X		Main
Physical Therapy Technician	X	X		Main
Plumbing Service & Repair Technician	X	X	X	Main
Practical Nursing			X	Main
Radio/Audio Production	X	X		Main
Software & App Design	X			Main

Sterile Processing Technician			X	Main
Surgical Technologist			X	Main
Technology Device Maintenance	X			Main
Veterinary Assistant	X	X		Power
Video Production	X			Main
Welding Technologies	X	X	X	Main & Power

### High School/Blended Programs

AESTHETICS PROGRAM	
<p>The <b>Aesthetics</b> program prepares individuals to apply technical knowledge and skills in the science of skin care and develop a thorough understanding of all aspects of the industry basics including: waxing, makeup techniques, facials, and general knowledge of the spa industry. Students will learn techniques for skin analysis, deep pore cleansing, exfoliation, and specialized treatments, including dermaplaning, peels, and body treatments. The program is heavily focused on the practical application of skills.</p>	
<b>Program Courses &amp; Course Sequence</b>	Aesthetics I - 1 semester - 2 credits Aesthetics II - 1 semester - 2 credits
<b>Length of Program</b>	2 semesters (600 clock hours).  **Students attend 4 hours each day & may be required to provide their own transportation.
<b>Supply Fees</b>	Year 1 - estimated supply fee \$250
AUTOMOTIVE TECHNOLOGIES PROGRAM	

The **Automotive Technologies** program prepares individuals to apply technical knowledge and skills in the repair, service, and maintenance of all types of automobiles. The Automotive Technologies program includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drivetrains, and heating and air conditioning systems.

<b>Program Courses &amp; Course Sequence</b>	Automotive Technologies I - 1 semester - 1.5 credits Automotive Technologies II - 1 quarter - 0.75 credits Automotive Technologies III - 1 quarter - 0.75 credits Automotive Technologies IV A- 1 semesters - 1.5 credits Automotive Technologies IV B or  Automotive Internship - 1 Semester - 1.5 credits
<b>Length of Program</b>	2 - 4 Semesters. In the 4th semester students will either take Automotive Technologies IVB or Automotive Internship.
<b>Supply Fees</b>	Year 1 - estimated supply fee \$80 Year 2 - estimated supply fee \$80

## AVIATION PROGRAM

The **Aviation** program prepares individuals to apply technical knowledge and skills in the areas of air transportation (flying and/or navigation of aircraft) and hands-on applications, leading to aircraft mechanics certification. Instruction includes: principles of aircraft design and performance, aircraft flight systems and controls, flight crew operations and procedures, radio communications, navigation procedures and systems, airways safety and traffic regulations, governmental rules and regulations pertaining to piloting aircraft, turbine layout; and fabrication of sheet metal and other materials into structural members, parts and fittings, and replacement of damaged or worn parts such as control cables and hydraulic units. **In Year 2 students will choose between a “Flight” or “Non-Flight” pathway.**

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.



<b>Program Courses &amp; Course Sequence</b>	Aviation I - 1 semester - 1.5 credits Aviation II - 1 quarter - .75 credits Aviation III - 1 quarter - .75 credits Aviation IV A - 1 semester - 1.5 credits  Aviation IV B - 1 semester - 1.5 credits or Aviation Internship - 1 semester - 1.5 credits
<b>Pre/Co Requisite</b>	6 high school credits (required) and a 2.0 GPA (recommended)  - Suggested - Algebra II or Trigonometry/College Math, Pre-Calculus, Physics, ROTC
<b>Length of Program</b>	2 - 4 semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$165 Year 2 - estimated supply fee \$45

### BARBERING PROGRAM

The **Barbering** program prepares individuals to apply technical knowledge and skills in the fundamentals of barbering. The program includes instruction in: sterilization, sanitation and safety, massage and skin care, chemical texture services, shampoo and scalp treatments, hair coloring and cutting, styling, shaving, honing, and stropping.

<b>Program Courses &amp; Course Sequence</b>	CS15 - Barbering I - 1 semester - 2 Credits CS25 - Barbering II - 1 semester - 2 Credits CS35 - Barbering III - 2 semesters - 4 Credits
<b>Length of Program</b>	4 Semesters (1200 Clock Hours)
<b>Supply Fees</b>	Year 1 - estimated supply fee \$395 Year 2 - estimated supply fee \$380

### COLLISION REPAIR PROGRAM

The **Collision Repair** program prepares individuals to apply technical knowledge and skills in collision repair shop operations, materials handling, and safety practices. Students will be introduced to basic operations in many areas of the collision repair industry with a focus on entry-level position skills. Students will gain basic understanding of safety practices, tool and equipment usage, maintenance, basic repair processes and procedures, damage assessment, metal repair, structural realignment, welding techniques, paint preparation, painting, and detailing. Students will also experience structural and plastic repair techniques. In addition, students will gain knowledge of the mechanical and electrical components of late model automobiles and experience a well-balanced mix of classroom lecture, lab, and shop activities for hands-on, real life practice.

<b>Program Courses &amp; Course Sequence</b>	Collision Repair I - 1 semester - 1.5 credits Collision Repair II - 1 quarter - .75 credits Collision Repair III - 1 quarter - .75 credits Collision Repair IV A - 1 semester- 1.5 credits Collision Repair IV B - 1 semester - 1.5 credits or  Collision Repair Internship - 1 semester- 1.5 credits
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$90 Year 2 - estimated supply fee \$115

### COMMERCIAL BAKING & PASTRY ARTS PROGRAM

The **Commercial Baking and Pastry Arts** program prepares individuals to gain employment as a baker, pastry chef, or business owner. Instruction focuses on making cookies, cakes, chocolate confections, tarts, breads, and plated desserts. Students in this program will also have the opportunity to advance into cake decorating, pastries, plate painting, individual desserts, and wedding cakes.

<b>Program Courses &amp; Course Sequence</b>	Commercial Baking & Pastry Arts I - 1 semester - 1.5 credits Commercial Baking & Pastry Arts II - 1 semester - 1.5 credits Commercial Baking & Pastry Arts III - 2 semesters - 3 credits
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$191 Year 2 - estimated supply fee \$35

## CONSTRUCTION TECHNOLOGIES PROGRAM

The **Construction Technologies** program prepares individuals to apply technical knowledge and skills in residential and commercial building construction and remodeling. The program includes instruction in construction equipment and safety; site preparation and layout; construction estimating; blueprint reading; building codes; framing; masonry heating, ventilation, and air conditioning; electrical and mechanical systems; interior and exterior finishing; and plumbing.

<b>Program Courses &amp; Course Sequence</b>	Construction I - 1 semester - 1.5 credits Construction II - 1 semester - 1.5 credits Construction Internship - 2 semester - 3 credits
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$60 Year 2 - estimated supply fee \$60

## COSMETOLOGY PROGRAM

The **Cosmetology** program prepares individuals in the foundations of haircutting, hair styling, hair color, chemical texture services, makeup application, manicures and pedicures, waxing, and facials. The program prepares students for practice as licensed cosmetologists in specialized or full-service salons. This program includes instruction in: hair services, basic nail applications, basic aesthetics, business management, sanitation and safety, customer service, and applicable professional and labor laws and regulation

<b>Program Courses &amp; Course Sequence</b>	Cosmetology Fundamentals - 1 semester - 2 credits Cosmetology Clinical- 1 semester - 2 credits Cosmetology Clinical II- 2 semesters- 4 credits
<b>Pre/Co Requisite</b>	6 high school credits (required) and a 2.0 GPA (recommended); Transcript with 10 credits including 2 credits of English (mandated by state regulation), Social Security Card or Waiver, signed Statement of Understanding of Program Requirements, and a Cosmetology enrollment form
<b>Length of Program</b>	4 Semesters - 4 hours/day (total of 1500 Clock Hours)

<b>Supply Fees</b>	Year 1 - estimated supply fee \$340 Year 2 - estimated supply fee \$385
<b>CRIMINAL JUSTICE PROGRAM</b>	
<p>The <b>Criminal Justice</b> program prepares individuals to apply relevant theories and practices in the various criminal justice fields, including law enforcement, law, corrections, and technical non-sworn positions. The program includes instruction in: substantive law, law enforcement history and theory, operational command leadership, incident response strategies, legal and regulatory responsibilities, public relations, and organizational leadership</p> <p><b>*Note:</b> This is a dual enrollment program. For more information, please visit the <a href="#">Dual Enrollment</a> page.</p>	
<b>Program Courses &amp; Course Sequence</b>	Criminal Justice I - 1 Semester - 1.5 Credits Criminal Justice II - 1 Semester - 1.5 Credits Criminal Justice III - 2 Semesters - 3 Credits
<b>Length of Program</b>	2 - 4 Semesters

<b>Supply Fees</b>	Year 1 - estimated supply fee \$55 Year 2 - estimated supply fee \$55
<b>CULINARY ARTS PROGRAM</b>	
<p>The <b>Culinary Arts</b> program prepares individuals to apply technical knowledge and skills required for food production and service occupations in commercial foodservice establishments. The program includes instruction in the technical knowledge and skills required for planning, selecting, storing, purchasing, preparing and serving quality food products, nutritive values, safety and sanitation procedures, use of commercial equipment, serving techniques and management of food establishments will also be studied. Throughout the program, students will develop advanced critical thinking, applied academic, career development, life and employability skills, business, economic, and leadership skills required for culinary arts occupations.</p>	

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	Culinary I - 1 semester - 1.5 credits Culinary II - 1 semester - 1.5 credits Culinary III - 2 semesters - 3.0 credits
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$191 Year 2 - estimated supply fee \$96

\*Note: Classes scheduled at Apache Junction are offered according to the high school schedule, which varies from the traditional EVIT schedule. Students interested in attending this program at Apache Junction will be informed of their schedule options at the time of admissions

### DENTAL ASSISTANT PROGRAM

The **Dental Assistant** program prepares individuals to provide patient care, conduct dental radiographs (x-ray photographs), prepare patients and equipment for dental procedures, and discharge office administrative functions under the supervision of dentists and dental hygienists. The program includes instruction in: medical recordkeeping, general office duties, reception and patient intake, scheduling, equipment maintenance and sterilization, basic radiography, pre- and post-operative patient care and instruction, chairside assisting, performing tooth and mouth impressions, and supervised practice. National Board, Inc. Students will complete the Radiation Health and Safety (RHS) Exam prior to clinical internship.

<b>Program Courses &amp; Course Sequence</b>	Intro to Dental Assisting - 2 semesters - 3 credits Dental Assisting I - 1 semester - 1.5 credits Dental Assisting II - 1 semester - 1.5 credits
<b>Pre/Co Requisite</b>	6 high school credits (required) and a 2.0 GPA (recommended). Seniors only - Successful completion of 1 credit of Biology or Anatomy & Physiology

<b>Length of Program</b>	2 - 4 Semesters. In the 4th quarter students may take Dental Assisting or complete a Dental Assisting Internship
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<b>Supply Fees</b>	Year 1 - estimated supply fee \$85 Year 2 - estimated supply fee \$190
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**DIESEL TECHNOLOGIES PROGRAM**

The **Diesel Technologies** program prepares individuals to apply technical knowledge and skills to repair, service, and maintain diesel engines in vehicles such as automobiles, buses, ships, trucks, railroad locomotives, and construction equipment as well as stationary diesel engines in electrical generators and related equipment. The program includes instruction in: automotive safety, vehicle inspection, engine performance and repair, fuel systems, drive train, brake systems, suspension and steering systems, and electrical systems.

<b>Program Courses &amp; Course Sequence</b>	<p>Diesel Technologies I - 1 semester - 1.5 credits Diesel Technologies II - 1 quarter - 0.75 credits Diesel Technologies III - 1 quarter - 0.75 credits Diesel Technologies IV A - 1 semester - 1.5 credits Diesel Technologies IV B or</p> <p>Diesel Internship - 1 semester - 1.5 credits</p>
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<b>Length of Program</b>	2 - 4 Semesters. In the 4th semester students may take Diesel Tech IVB or Diesel Internship.
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<b>Supply Fees</b>	Year 1 - estimated supply fee \$90 Year 2 - estimated supply fee \$90
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**DIGITAL ANIMATION PROGRAM**

The **Digital Animation** program prepares individuals to use computer applications and related visual and sound imaging to create animations and other visual effects for television, movies, video games, and other media. Students will develop in-depth understanding of 2D and 3D image capture, creation, and manipulation; audio and video recording and editing techniques; media management, distribution, and delivery; and specialized equipment operation and maintenance. 3D Animation students will explore the history and societal and economic impact of the animation industry and will examine legal and ethical considerations and business best practices unique to animation and related industries.

**\*Note:** This is a dual enrollment course. For more information, visit the [Dual Enrollment](#) page

<b>Program Courses &amp; Course Sequence</b>	<p>Digital Animation I - 1 Semester - 1.5 Credits            Digital Animation II - 1 Semester - 1.5 Credits            Digital Animation III A - 1 Semester - 1.5 Credits            Digital Animation III B - 1 Semester - 1.5 Credits            or            Digital Animation Internship - 1 Semester - 1.5 Credits</p>
<b>Pre/Co Requisite</b>	<p>6 high school credits (required) and 2.0 GPA (recommended), and Strong art skills are a plus</p> <p>- Suggested course prerequisites or corequisite:            Computer courses emphasizing desktop publishing;            English courses; Business Math courses, Introduction to Technology courses, Art courses</p>
<b>Length of Program</b>	<p>2 – 4 semesters            In the 4th semester, students may take Digital Animation IIIB or Digital Animation Internship</p>
<b>Supply Fees</b>	<p>Year 1 - estimated supply fee \$165            Year 2 - estimated supply fee \$75</p>

**EARLY CHILDHOOD EDUCATION PROGRAM**

The **Early Childhood Education** program is designed to prepare individuals for employment in early childhood settings. This includes: instruction in child growth and development, child health, nutrition, safety, planning, supervision of developmentally-appropriate practices and learning activities, child guidance, family relationships, and parenting. Applicable legal and administrative requirements are also addressed. Preparation for the development and management of effective early childhood programs and facilities is included.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	Early Childhood I - 1 semester - 1.5 credits Early Childhood II - 1 semester - 1.5 credits Early Childhood IIIA - 1 semester - 1.5 credits Early Childhood IIIB - 1 semester - 1.5 credits, or Early Childhood Internship - 1 semester - 1.5 credits
<b>Pre/Co Requisite</b>	6 high school credits (required) and a 2.0 GPA (recommended)  Arizona State Law requires students 18 and older to obtain a fingerprint clearance card
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$118 Year 2 - estimated supply fee \$47

### ELECTRICAL AND POWER TRANSMISSION PROGRAM

The **Electrical and Power Transmission** program prepares individuals to apply technical knowledge and skills to install indoor and outdoor residential, commercial, and industrial electrical systems. The program includes instruction in electricity, safety procedures, wiring, insulation and grounding, schematic blueprint interpretation, equipment operation and maintenance, and applicable codes and standards.

<b>Program Courses &amp; Course Sequence</b>	Electrical and Power Transmission I - 1 semester - 1.5 credits Electrical and Power Transmission II - 1 semester - 1.5 credits Electrical and Power Transmission Internship - 2 semesters - 3 credits
<b>Pre/Co Requisite</b>	6 high school credits (required) and a 2.0 GPA (recommended)
<b>Length of Program</b>	2-4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$90

### EMERGENCY MEDICAL TECHNICIAN PROGRAM



The **Emergency Medical Technician** program prepares individuals to recognize, assess, and manage medical emergencies in the pre-hospital environment. This program will develop the student's confidence, knowledge, and skills in performing critical assessment and management of patients with medical and trauma-related life threats. It also focuses on the development of an EMT's critical role as a team member during patient crisis situations. This program includes instruction in: emergency medical services, medical, legal and ethical issues, pharmacology, anatomy and physiology, medical terminology, patient assessment and treatment, and emergency medical services operations.

<b>Program Courses &amp; Course Sequence</b>	Intro to Emergency Medical Technician - 2 Semesters - 3 credits (Optional) Emergency Medical Technician I - 1 semester - 1.5 credits Emergency Medical Technician II - 1 semester - 1.5 credits
<b>Pre/Co Requisite</b>	<ul style="list-style-type: none"> <li>● 6 high school credits (required) and 2.0 GPA (recommended)</li> <li>● 10th grade reading level (students will be tested),</li> <li>● No criminal record, on track to graduate or a plan for graduation</li> <li>● Seniors only – successful completion of MC37 or 1 credit of Biology, Anatomy &amp; Physiology or Sports Medicine (C or better), and 1 Algebra credit and English credit (C or better)</li> </ul>
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$85 Year 2 - estimated supply fee \$192

**FASHION DESIGN & MERCHANDISING PROGRAM**

The **Fashion Design and Merchandising** program prepares individuals for employment or advanced post-secondary coursework in fashion design production, apparel sales, custom fashion design, supervisory positions in apparel manufacturing, and as buyers for retail establishments. The program includes instruction in fashion design, production and selection, wholesale purchasing, sales and promotion. Throughout the program, students will develop advanced critical thinking, career development, applied academic skills, employability skills, basic business practices and leadership skills required for entry into fashion design and merchandising occupations.

<b>Program Courses &amp; Course Sequence</b>	Fashion Design & Merchandising I - 1 semester - 1.5 credits Fashion Design & Merchandising II - 1 semester - 1.5 credits
<b>Length of Program</b>	2 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$125

**FIRE & EMERGENCY SERVICES PROGRAM**

The **Fire and Emergency Services** program focuses on the principles, theory, and practices associated with the management of fire operations, firefighting services, and community fire issues. The Fire Service program includes instruction in: fire protection history and theory, incident command leadership, administration of public fire organizations, labor relations, emergency medical services management, fire emergency response strategies and mitigation, legal and regulatory responsibilities, budgeting, public relations, and organizational leadership.

<b>Program Courses &amp; Course Sequence</b>	Fire Science I - 1 semester - 1.5 Credits Fire Science II - 1 semester - 1.5 Credits Fire Science III - 2 semesters - 3 Credits
<b>Pre/Co Requisite</b>	6 high school credits (required) and a 2.0 GPA (recommended)  - Suggested Pre/Co Requisite: Algebra II, Chemistry, Physics
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$280 Year 2 - estimated supply fee \$342

**FUTURE ENGINEERS PROGRAM**

The **Future Engineers** program prepares individuals to apply basic engineering principles and technical skills in support of engineers engaged in a wide variety of projects. The program includes instruction in various engineering support functions for research, production, and operations, and applications to specific engineering specialties. Students will learn to apply Science Technology Engineering Math (STEM) concepts to current technologies and tools as they learn about the different disciplines and opportunities within the fields of engineering. Throughout the program, students learn and develop problem solving skills by tackling real-world engineering problems. Through theory and practical hands-on experiences, students address the emerging social and political consequences of technological change.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	<p>Engineering I - 1 semester - 1.5 credits            Engineering II - 1 quarter - .75 credits            Engineering III - 1 quarter - .75 credits            Engineering IV A - 1 semester - 1.5 credits</p> <p>Engineering IV B - 1 semester - 1.5 credits or            Engineering Internship            - 1 semester - 1.5 credits</p>
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	<p>Year 1 - estimated supply fee \$80            Year 2 - estimated supply fee \$85</p>

**GRAPHIC DESIGN PROGRAM**

The **Graphic Design** program prepares individuals to use technical expertise, creativity, and esthetic principles to design and create visual concepts that meet specific commercial or promotional needs, as well as inspire, inform, and captivate consumers. The program includes instruction in operations and maintenance of specialized computer hardware and design-related technology tools; the principles and elements of design; digital imaging; typographical concepts and techniques; page layout and design; the role of the graphic designer, the history and societal and economic impact of the graphic design industry, and legal and ethical considerations and business best practices unique to graphic design and related industries. Throughout the program, students learn and practice valuable real-world skills using industry standard graphic design software to create professional-grade design projects.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	<p>Graphics Design I - 1 semester - 1.5 credits            Graphics Design II - 1 semester - 1.5 credits            Graphics Design III A - 1 semester - 1.5 credits            Graphics Design III B - 1 semester - 1.5 credits            or            Graphics Design Internship - 1 semester - 1.5 credits</p>
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	<p>Year 1 - estimated supply fee \$85            Year 2 - estimated supply fee \$65</p>

**HEATING,  
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The **Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR)** program prepares individuals to apply technical knowledge and skills to repair, install, service and maintain the operating condition of heating, air conditioning, and refrigeration systems. The program includes instruction in diagnostic techniques, the use of testing equipment and the principles of mechanics, electricity, and electronics as they relate to the repair of heating, air conditioning and refrigeration systems

**Program Courses & Course Sequence**

HVACR I - 1  
semester - 1.5 credits  
HVACR II - 1  
semester - 1.5 credits  
  
HVAC Internship - 2 semesters - 3 credits

**Length of Program**

2 - 4 Semesters

**Supply Fees**

Year 1 - estimated supply fee \$75  
Year 2 - estimated supply fee \$75

**INTERIOR DESIGN PROGRAM**

The **Interior Design** program prepares individuals for employment or advanced post-secondary coursework in applied sciences for design production, commercial or home furnishings sales, custom interior design, supervisory positions in furnishings manufacturing, and as buyers for retail establishments. The program includes instruction in interior design/production and selection, wholesale purchasing, sales, and promotion. Throughout the program, students will also develop advanced critical thinking, career development, applied academic skills, employability skills, basic business practices, and leadership skills required for entry into interior design and merchandising occupations.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

**Program Courses & Course Sequence**

Interior Design I - 1 semester  
- 1.5 credits  
Interior Design II  
- 1 semester - 1.5 credits

**Length of Program**

2 Semesters

**Supply Fees**

Year 1 - estimated supply fee \$110

## MASSAGE THERAPY PROGRAM

The **Massage Therapy** program prepares individuals to provide relief and improved health and

well-being to clients through the application of manual techniques for manipulating skin, muscles, and connective tissues. The program includes instruction in: Western (Swedish) massage, sports massage, myotherapy/trigger point massage, myofascial release, deep tissue massage, reflexology, massage safety and emergency management, client consultation, practice management styles, applicable state regulations, and professional standards and ethics.

<b>Program Courses &amp; Course Sequence</b>	<p>Students have 2 schedule options:</p> <p><b>Option 1:</b></p> <p><b>2 Years - 2.5 hours/day</b></p> <p>Massage Therapy I: 1 semester - 1.5 credits            Massage Therapy II: 1 semester - 1.5 credits            Massage Therapy III: 2 semester - 3.0 credits</p> <p><b>Option 2:</b></p> <p><b>1 Year - 4 hours/day</b></p> <p>Massage Therapy Block I - 1 semesters - 2 credits            Massage Therapy Block II - 1 semesters - 2 credits</p>
<b>Pre/Co Requisite</b>	<p>6 high school credits (required) and a 2.0 GPA (recommended)</p> <p>- Suggested: English, Anatomy and Physiology, Biology, Math courses</p>

<b>Length of Program</b>	<p>2 – 4 semesters, with students having the option of choosing the 2.5 hours per day two-year program or the 4 hours per day one-year program.</p> <p><b>Note:</b> High school students that begin the program as a senior can continue the program the following year for a cost of \$4,985.</p>
<b>Supply Fees</b>	<p><b>Option 1:</b>  Year 1 - estimated supply fee \$85  Year 2 - estimated supply fee \$85</p> <p><b>Option 2:</b>  1 year program - estimated supply fee \$85</p>

**MEDICAL ASSISTANT PROGRAM**

The **Medical Assistant** program prepares individuals to provide medical office administrative services and perform clinical duties including patient intake and care, routine diagnostic and recording procedures, pre-examination and examination assistance, and the administration of medications and first aid. The program includes instruction in: basic anatomy and physiology, medical terminology, medical law and ethics, patient psychology and communications, medical office procedures, and clinical diagnostic, examination, testing, and treatment procedures.

<b>Program Courses &amp; Sequence</b>	<p>Select from two course sequence options; a 2-year or 1-year option:</p> <p><b>2 Year Option:</b></p> <p>Intro to Medical Assisting - 2 semesters - 3 credits  Medical Assisting I - 1 semester - 1.5 credits  Medical Assisting II - 1 semester - 1.5 credits</p> <p><b>1 Year Option (Seniors &amp; Adult Blended Program Only):</b></p> <p>Medical Assisting 1 Block -1 semester - 2 credits  Medical Assisting II Block -1 semester - 2 credits</p>
<b>Pre/Co Requisite</b>	<p>At least 6 high school credits (required) and a 2.0 GPA (recommended). Seniors only - Successful completion of MC19 or enrolled in the 4 hour program.</p>
<b>Length of Program</b>	<p>2 - 4 Semesters</p> <p><b>Note:</b></p> <p>Students may be required to obtain a fingerprint clearance card for an internship.</p> <p>Students will need a negative TB test for an internship.</p>
<b>Supply Fees</b>	<p>Year 1 - estimated supply fee \$85  Year 2 - estimated supply fee \$312</p> <p>1 year program - estimated supply fee \$312</p>

**MENTAL & SOCIAL HEALTH  
TECHNICIAN PROGRAM**



The **Mental & Social Health Technician** program is an introduction to: social work, mental health case work, clinical interviews, therapeutic intervention strategies, patient testing and evaluation procedures, patient and family counseling, social rehabilitation, patient care planning, record-keeping, and support services liaison activities. The program includes instruction in mental health theory, applied psychopathology, patient communication and management, crisis intervention, psychotropic medication, mental health treatment procedures, substance abuse, record-keeping, clinical administrative skills, and applicable standards and regulations.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	Mental and Social Health Technician I - 1 semester - 1.5 Credits Mental and Social Health Technician II - 1 semester - 1.5 Credits
<b>Length of Program</b>	2 semesters. <b>Note:</b> Students will be required to obtain a fingerprint clearance for their clinical hours,
<b>Supply Fees</b>	Year 1 - estimated supply fee \$230

### NETWORKING SECURITY PROGRAM

The **Networking Security** program prepares individuals to assess the security needs of computer and network systems, recommend safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures. The program includes instruction in analysis, testing, troubleshooting, and evaluating of existing network systems, such as local area network (LAN), wide area network (WAN), Internet systems or a segment of a network system, and performance of network maintenance to ensure networks operate correctly with minimal interruption. Throughout the program, students will enhance their technical knowledge and skills that are associated with functions of application integrity, cyber threat management, and infrastructure security within Network Technologies' occupations. In addition to the occupation-related skills, students will also develop advanced critical thinking and applied academic foundational skills.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	Network Security I - 1 semester - 1.5 credits Network Security II - 1 semester - 1.5 credits Network Security Internship - 2 semesters - 3 credits
<b>Pre/Co Requisite</b>	6 high school credits (required) and a 2.0 GPA (recommended)  - Recommended: Introduction to Technology, all Math courses, all English courses, Science courses.
<b>Length of Program</b>	2 - 4 Semesters

<b>Supply Fees</b>	Year 1 - estimated supply fee \$107 Year 2 - estimated supply fee \$45
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**NURSING ASSISTANT PROGRAM**

The **Nursing Assistant** program prepares individuals to perform routine nursing-related services to patients in hospitals or long-term care facilities; under the training and supervision of a registered nurse or licensed practical nurse. The program includes instruction in infection control, communication and interpersonal skills, safety and emergency procedures, personal care skills, and basic nursing skills. Direct patient care training & instruction is facilitated in the classroom, lab and clinical settings.

<b>Program Courses &amp; Course Sequence</b>	Intro to Nursing Assistant - 2 Semesters - 3 credits (Optional) Nursing Assistant I - 1 semester - 1.5 credits  Nursing Assistant II - 1 semester - 1.5 credits
<b>Pre/Co Requisite</b>	6 high school credits (required) and a 2.0 GPA (recommended). Students who skip MC29, must have taken Anatomy and Physiology, Chemistry, or Biology in HS.
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$85 Year 2 - estimated supply fee \$232

## PET GROOMING PROGRAM

The **Pet Grooming** program prepares individuals with an interest in pet care with knowledge in Canine anatomy, pet health and safety, pet behaviors, pet grooming techniques, and pet grooming business planning skills. After completing this program students will have the skills needed to work in a pet grooming facility and possibly to start their own pet grooming business.

<b>Program Courses &amp; Course Sequence</b>	Pet Grooming I - 1 semester - 1.5 Credits Pet Grooming II - 1 semester - 1.5 Credits
<b>Length of Program</b>	2 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$TBA

## PHARMACY TECHNICIAN PROGRAM

The **Pharmacy Technician** program prepares individuals to prepare medications, provide medications and related assistance to patients, manage pharmacy clinical and business operations. The program includes instruction in medical and pharmaceutical terminology, principles of pharmacology and pharmaceuticals, drug identification, pharmacy laboratory procedures, prescription interpretation, patient communication and education, safety procedures, recordkeeping, measurement and testing techniques, pharmacy business operations, prescription preparation, logistics and dispensing operations, and applicable standards and regulations.

<b>Program Courses &amp; Course Sequence</b>	Pharmacy Technician I - 1 semester - 1.5 credits Pharmacy Technician II - 1 semester - 1.5 credits
<b>Length of Program</b>	2 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$120

## PHYSICAL THERAPY TECHNICIAN PROGRAM

The **Physical Therapy Technician** program prepares individuals to assist doctors of physical therapy or doctors of chiropractic in the treatment of patients with medical conditions and functionally-limiting injuries. The program includes instruction in medical terminology, principles of rehabilitation and physical therapy, outpatient care, long term care, home health care, patient communication and education. Students will participate in job shadowing and/or internships in physical therapy or chiropractic offices or clinics.

**Program Courses & Course Sequence**

Intro to Physical Therapy - 2 semesters - 3 credits  
 Physical Therapy Technician I - 1 semester - 1.5 credits  
 Physical Therapy Technician II - 1 semester - 1.5 credits

**Pre/Co Requisite**

6 high school credits (required) and a 2.0 GPA (recommended)  
 - Suggested prerequisites or corequisites: Applied Biological Sciences, Science courses, Math and English courses, Anatomy and Physiology.  
 - **Seniors only** – successful completion of MC38 or a Sports Medicine program

**Length of Program**

2 - 4 Semesters

**Supply Fees**

Year 1 - estimated supply fee \$85  
 Year 2 - estimated supply fee \$166

**PLUMBING SERVICE AND REPAIR PROGRAM**

The **Plumbing Service and Repair Technician** program will provide individuals with technical understanding and skills development and integrates theory with practical experience. Through the program, the student develops skills in piping techniques and procedures, plumbing and piping systems, residential and commercial system installations, blueprint reading and isometric interpretation.

**Program Courses & Course Sequence**

Plumbing I - 1 semester - 1.5 credits  
 Plumbing II - 1 semester - 1.5 credits  
 Plumbing Internship - 2 semesters - 3 credits

**Length of Program**

2 - 4 Semesters

**Supply Fees**

Year 1 - estimated supply fee \$45  
 Year 2 - estimated supply fee \$45

## RADIO/AUDIO PRODUCTION PROGRAM

The Radio/Audio Production program prepares individuals to apply technical knowledge and skills to the production of sound recordings as either finished products or as components of traditional or emerging music productions, film and video productions, live sound productions, broadcasts, video game productions, or mixed media productions. The program includes instruction in the setup, operation, and maintenance of specialized audio equipment, including microphones, speakers, recording equipment, mixing boards, cables and connectors, and related electronic equipment; audio recording and editing techniques; sound engineering; and working with producers, editors, directors, artists, and production managers. Students will also explore the history and societal and economic impact of the music and audio production industry and will examine legal and ethical considerations and business best practices unique to music and audio production and related industries. Throughout the program, students learn and practice valuable real world skills using industry standard audio editing software to create professional grade media products.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	Radio and Audio Production I - 1 semester - 1.5 credits Radio and Audio Production II - 1 semester - 1.5 credits Radio and Audio Production III - 2 semesters - 3 credits
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$75 Year 2 - estimated supply fee \$40

## SOFTWARE & APP DESIGN PROGRAM

The **Software & App Design** program prepares individuals to apply basic engineering principles and technical skills to support engineers in developing, implementing, and evaluating computer software and program applications. Throughout the program, students learn how to program, programming languages, databases, user interfaces, networking and warehousing, encryption and security, software testing and evaluation, and customization.

<b>Program Courses &amp; Course Sequence</b>	Software and App Design I - 1 semester - 1.5 credits Software and App Design II - 1 semester - 1.5 credits Software and App Design Internship - 2 semesters - 3 credits
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<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$65 Year 2 - estimated supply fee \$45
<b>TECHNOLOGY DEVICE MAINTENANCE PROGRAM</b>	

The **Technology Device Maintenance** program prepares individuals to design, develop, install, implement, use, and manage computers and various computer devices. Students will develop effective methods to troubleshoot problems using effective communication skills by asking key questions, listening for technical problems and, in turn, explaining problems in an understandable way.

Throughout the program, students learn and use appropriate diagnostic tools to assess and diagnose problems on computers, laptops, iPads, printers and/or cellphones. Advanced critical thinking skills will be developed with applied interpersonal relations, life skills, business, economic, and leadership skills as well as workplace employability skills.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	Technology Device Maintenance I - 1 semester - 1.5 credits Technology Device Maintenance II - 1 semester - 1.5 credits Technology Device Maintenance III A - 1 semester - 1.5 credits Technology Device Maintenance III B - 1 semester - 1.5 credits or Technology Device Maintenance Internship - 1 semester - 1.5 credits
<b>Length of Program</b>	2 - 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$110 Year 2 - estimated supply fee \$80
<b>VETERINARY ASSISTANT PROGRAM</b>	

The **Veterinary Assistant** program prepares students to provide assistance in patient management, care, and clinical procedures. The program includes instruction in anatomy, physiology, medical terminology, nutrition, animal behavior and restraint, client communication, office administration, animal growth and development, animal diseases, infection control, animal reproduction, pharmacology procedures, surgical assisting procedures, diagnostic imaging procedures and dental assisting procedures.

<b>Program Courses &amp; Course Sequence</b>	Veterinary Assistant I - 2 Semesters - 3 credits Veterinary Assistant II - 1 Semester - 1.5 credits Veterinary Assistant III - 1 Semester - 1.5 Credits
<b>Length of Program</b>	4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$133 Year 2 - estimated supply fee \$120

**VIDEO PRODUCTION PROGRAM**

The **Video Production** program prepares individuals to produce digital films and videos (including news broadcasts, commercials and public service announcements, feature films and documentaries, episodic serials, music videos, educational videos, and others) and to work in a variety of on- and off-camera positions within traditional and emerging video production industries. Students also explore the history and societal and economic impact of the video production industry and will

examine legal and ethical considerations and business best practices unique to film and TV production and related industries. Throughout the program, students learn and practice valuable real-world skills using professional-grade video production equipment and industry standard video and audio editing software and visual effects, motion graphics, and compositing applications to create high-quality media products.

**\*Note:** This is a dual enrollment program. For more information, please visit the [Dual Enrollment](#) page.

<b>Program Courses &amp; Course Sequence</b>	Video Production I - 1 semester - 1.5 credits Video Production II - 1 semester - 1.5 credits Video Production III - 2 semesters - 3 credits
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<b>Length of Program</b>	2 to 4 Semesters
<b>Supply Fees</b>	Year 1 - estimated supply fee \$45 Year 2 - estimated supply fee \$112
<b>WELDING TECHNOLOGIES PROGRAM</b>	
<p>The <b>Welding Technologies</b> program prepares individuals to acquire welding techniques and be product verified with weldment testing. They will develop a working knowledge of blueprint reading, and the welding processes for Shielded Metal ARC Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored ARC Welding (FCAW), and Gas Tungsten ARC Welding (GTAW) with the use of thermal cutting equipment. Students will learn about the tools and equipment for the welding trade</p>	
<b>Program Courses &amp; Course Sequence</b>	Welding I - 1 Semester - 1.5 credits Welding II - 1 Semester - 1.5 credits Welding III A - 1 Semester - 1.5 credits Welding III B - 1 Semester - 1.5 credits or Welding Internship - 1 Semester 1.5 credits
<b>Length of Program</b>	2 to 4 Semesters. In the 4th semester, students may take Welding IIIB or Welding Internship
<b>Supply Fees</b>	Year 1 - estimated supply fee \$100 Year 2 - estimated supply fee \$100