

# Queen Creek Unified School District



## 2021-2022 Course Catalog



# **Queen Creek Unified School District**

## **2021-2022 Course Description Catalog**

### **Grades 9-12**

#### **Governing Board**

Ken Bague, President  
Jennifer Revolt, Vice President  
Samantha Davis, Member  
Matt Riffey, Member  
Patty Campbell, Member

#### **District Administration**

Dr. Perry Berry, Superintendent  
Dr. Matt Strom, Associate Superintendent of Business and Operations  
Erika Copeland, Executive Director of K-12 Educational Services  
Dr. Patty Rogers, Director Human Resources

#### **Queen Creek High School**

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Queen Creek, AZ 85142  
Phone: (480) 987-5973  
Julie Oster, Principal  
[Queen Creek High School Website](#)

#### **Eastmark High School**

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Paul Gagnon, Principal  
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## Table of Contents

General Information	5
Honors, Advanced Placement, Dual Enrollment	9
Registration / Scheduling Information	10
Career Path Academies	11
Career Academy Options	13
Graduation Requirements	14
4 Year Plan	15
Art Proficiency Seal	16
Career & Technical Education (CTE)	17
Business, Leadership, and International Studies (BLIS)	18
Fine Arts and Media Entertainment (FAME)	21
Medical and Social Health (MASH)	24
Science, Technology, Engineering, and Mathematics	27
JROTC	31
Advancement via Individual Determination (AVID)	33
English	34
Fine Arts	36
Mathematics	41
General Electives	44
Physical Education	46
Science	48
Social Studies	51
Special Education	54
World Languages	60
East Valley Institute of Technology (EVIT) Courses	62

## QUEEN CREEK UNIFIED SCHOOL DISTRICT EDUCATIONAL PROGRAMS

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### NOTICE OF NONDISCRIMINATION

Annual Public Notification of Nondiscrimination Queen Creek Unified School District does not discriminate on the basis of race, color, national origin, gender, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. The Queen Creek Unified School District 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). Steve Ray, Director of Special Education, 20217 E. Chandler Heights Rd., Queen Creek, AZ 85142. 480-987-5935.

Notificación de Non Discriminación (Spanish Version) Queen Creek Unified School District no discrimina raza, color, nacionalidad, género, edad, o incapacidad de admisión a sus programas, servicios, o actividades, en acceso a ellas, en el tratamiento a individuos, o en ningún aspecto de sus operaciones. El Queen Creek Unified School District tampoco discrimina en sus contratos o prácticas de empleados. Esta noticia es provista y requerida por el Título VI del Acto de Derechos Civiles de 1964, Sección 504 del Acto de Rehabilitación de 1973, Título IX de la Enmienda Educativa de 1972, en el Acto de Era de Discriminación de 1975, y el Acto de los Estadounidenses con Habilidades Diferenciadas de 1990. Preguntas, quejas, o para más información con respecto a estas leyes pueden remitir por al coordinador de complacer. Steve Ray, Director of Special Education, 20217 E. Chandler Heights Rd., Queen Creek, AZ 85142. 480-987-5935.

#### COMPLIANCE STATEMENT

The Queen Creek Unified School District No.95 affirms its intent to comply with all federal and state laws relating to prevention of discrimination. All courses, services, activities, and employment opportunities are offered without regard to race, color, creed, national origin, age, sex, or handicapping conditions.

The lack of English language skills will not be a barrier to admission and participation in Vocational Skills.

## General Information

This catalog lists the high school courses offered at QCUSD. Students need to carefully consider the information in this catalog so that they can make informed decisions about their course of study while attending a QCUSD. Requests for reasons of teacher preference will not be honored. Counselors are available to assist students and to answer questions about their schedules.

Please note the following:

- It is important to review graduation requirements before making course decisions
- Universities, colleges, and vocational schools have entrance requirements that may exceed high school requirements
- Check for prerequisite requirements before enrolling in a class
- It is important that students make thoughtful course selections during the spring registration period because course offerings and teacher assignments are based on the spring registration numbers
- Acceptance of transfer courses from sources outside of Queen Creek Unified are not automatic. Please meet with a counselor to determine how credit will be transferred before enrolling.

### Absences

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

- Parents will be notified when students reach 5, 7, and 10 absences.
- When students reach eight (8) or more absences they will sign the Audit Notification warning in a conference with administration.
- If students exceed nine (9) absences for any one class they will be placed on audit status for that course.
  - Students will remain in the class on audit status and may lose credit.
  - Students will need to complete and turn in the Excessive Absence Appeal Form with proper documentation verifying the absences.
  - Administration will determine if the appeal is granted.

### C.U.T.S

School attendance is not only a good habit, state law requires it. Arizona State law (§15-807.2, A, 15-803.E) requires every person who has custody of a child between the ages of six and sixteen years shall make sure the child attends school for the full time school is in session unless unable to attend due to illness or another legitimate reason. To encourage and improve school attendance, Queen Creek Schools have implemented a truancy program in partnership with Maricopa County Juvenile Court. This truancy program is called C.U.T.S. (Court Unified Truancy Suppression). We will be tracking attendance very closely. Your child is expected to be at school every day, unless there is an excused reason not to be. An absence is defined as a minimum of one missed class period per day. An unexcused absence will count as a truant day as defined by law. A student is "habitually truant" if he/she has five or more unexcused absences from school. A student that is absent more than ten percent (18 days) of the required number of school days per year is considered to have "excessive absences" whether the absence is excused or unexcused. When a student has five or more unexcused absences or 18 excessive absences (excused OR unexcused), the student can be cited to the CUTS Program through the Juvenile Court. The hearing will be held on the school campus with representatives from Queen Creek Schools and the Juvenile Court. A parent or legal guardian must be present with the student at the time of the hearing. Consequences at the hearing may include the following: required attendance of the parent and the child at an education class (to be held on Saturdays), work hours assigned to the child, counseling, etc. The parent will be assessed a \$50 Diversion fee. Failure to complete these consequences may result in suspension of your child's driver's license, or inability to get a driver's license until their 18th birthday and/or formal court proceeding. It is the parent's/guardian's responsibility to ensure their child's attendance in an approved academic setting. If you fail to take the necessary steps to provide your child with the appropriate education you may receive a citation. If convicted, it is a class 3 misdemeanor punishable by jail time and/or fine. The education of your child is extremely important to us. This program is another way that Queen Creek High School and Eastmark High School are working with the community to ensure a quality education for all students. If you

have any questions or concerns, please feel free to contact Queen Creek High School or Eastmark High School. Thank you for your support regarding this program.

### College Credit/Dual Enrollment

Credit for college courses, while attending high school, can be earned through dual enrollment courses. Queen Creek High School, Eastmark High School, Maricopa Community Colleges, and Grand Canyon University have designed a cooperative program for a variety of courses that allows students to earn both high school and college credit. These classes are held on the high school campus as part of the regular school day. If students are to receive community college credit, they must pay community college tuition through the community college. They may also need to pass a placement test. The registration and tuition payment process will be handled in through the community college. Upon successful completion of these courses, students may transfer credits to other colleges or universities although each institution may vary in its acceptance and applicability of any transfer credit. Courses that may be offered for community college credit are noted in the course description catalog. See the Guidance and Counseling Department for a complete list of dual enrollment courses.

**NOTE:** Students may take a college course for credit only as long as the course is NOT currently offered at QCHS or EHS. Required high school classes cannot be taken at college for a replacement grade without prior administrative approval. The amount of high school credit(s) issued will vary according to type and amount of credit transferred from the college. Please contact the High School Counseling Department for help determining transfer credits prior to enrolling.

**Course Credit – QCHS & EHS awards credit on a semester basis.**

- A unit of credit is granted for work completed in a course meeting one period daily for the academic year. One-half unit of credit is granted for work completed in a course meeting one period daily for one-half the academic year (one semester).
- NBJH, QCJH, EHS junior high students will be offered high school Algebra I and Spanish 1 in the 8th grade. The class will be placed on the high school transcript if the student passes with a C or above. If a student receives a grade lower than a C, the student must pass Queen Creek/ Eastmark High School's proficiency assessment to earn that semester(s) credit. Contact Queen Creek/ Eastmark High School Counseling Department to learn about available assessment dates. These credits will be recorded onto the students' high school transcript with letter grades and will be counted into the student's cumulative grade point average. Students are required to take four math credits at the high school. (Grades 9-12)
- **Students attempting to earn high school credits at sites other than QCHS or EHS must meet with and receive approval from a counselor before enrolling in classes to clarify if credit will be granted and to determine what process must be followed to have the credit transferred. Please review the distance learning and concurrent enrollment expectations. For credit to be awarded, the transfer credit must be submitted to QCHS or EHS on an official high school transcript from an accredited high school with prior counselor approval. Please note that the QCHS or EHS Registrar MUST receive distance course grades one week prior to the end of the current school year in order to earn credit for that school year.**
- Students will receive one (1) or more training sessions in cardiopulmonary resuscitation, through the use of psychomotor skills in an age-appropriate manner during high school. CPR instruction and training is a graduation requirement that takes effect in July 2019.
- If a student withdraws from a semester course after the 20<sup>th</sup> day, the student will receive a grade of Withdrawal/Failure (WF) that will appear on the permanent record and be calculated into their GPA. The WF grade will be used for honor roll and class rank calculations. Administrative approval is required for late 'drops.'

### Early Graduation

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

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

### **Transfer Students**

Transfer students are expected to enroll in a full schedule when they transfer into the high school. They are responsible for meeting Queen Creek Unified School District graduation requirements. Course work completed outside the District will be evaluated to determine if credit will be awarded. In accordance with Queen Creek Unified School District (QCUSD) policy, transfer students must attain at least three (3) credits from QCHS or EHS or file an appeal for graduation consideration with the principal. (Refer to QCUSD IKF Policy)

### **Students Registering After the 20<sup>th</sup> Day of the Semester**

If a student registers after the 20<sup>th</sup> day of a semester and/or has not attended *any* school during the past 20 school days, the student may be registered and have the opportunity to earn credit if missed work is made up according to the requirements of the classroom teacher. It is important to note that students who drop a course after the 20<sup>th</sup> day of a semester will receive a failing grade for the course.

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

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

### **Class Fees**

Class fees will only be refunded during the first semester drop/add period, which consists of the first two weeks of the school year, or with administrative approval.

### **Online Learning Options**

#### **Registration Process for QCVLC:**

- 1.) Students must register in person at Queen Creek High or Eastmark High Schools for the Virtual Learning Courses.
- 2.) Set up a meeting with a counselor.
- 3.) The counselor reviews the student's current grades, and transcript.
- 4.) If the counselor believes that the student would be a candidate for QCVLC, the student is then provided with a Virtual Learning Courses Selection Sheet
- 5.) Parents and the Bookstore Clerk will verify that the payment has been made. Both must sign the document prior to enrollment
6. The student will give the signed form to their counselor.
7. The student will receive confirmation from the QCVL representative when the student has been enrolled and will be provided login information.

#### **Registration Process for QCVA:**

- 1.) Students must register for the Queen Creek Virtual Academy.
- 3.) A counselor/advisor will review the student's current grades, and transcripts to assist with registration.

**Courses Offered** Please refer to the Queen Creek Virtual Academy Handbook.

<b>Queen Creek Virtual Learning Courses (QCVLC)</b>	<b>Queen Creek Virtual Academy (QCVA)</b>
The purpose of QCVLC is to provide the students of Queen Creek High School a flexible learning opportunity through supplemental on-line classes.	The purpose of Queen Creek Virtual Academy is to provide students an opportunity to learn completely online.
Students have an opportunity to take an online course in addition to their full-time schedule.	Students are online full-time so classes are taken at home.
Students who are seeking to take a more rigorous course load for the scholastic diploma or those needing to recover credits due to release time are perfect candidates for QCVLC	If you need greater flexibility than a traditional can offer, you are the ideal candidate for QCVA.
Students will communicate with teachers primarily through messages, discussion boards, chat, email, or phone calls.	Students will communicate with teachers primarily through messages, discussion boards, chat, email, or phone calls.
Students have the semester to complete a full credit course in QCVLC	Students take 3-4 classes at a time and have nine weeks to complete the courses.
Cost: \$300 per semester access period	Cost: Free

### **Junior High School Credit:**

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

- Students who successfully complete Algebra I and/or Geometry at an **accredited** junior high school will have the course posted on their high school transcript. The high school transcripts will reflect the grade the student earned; however, the grade will not be calculated in the student's GPA. A high school math course(s) taken at a Queen Creek Unified School District junior high school will be listed on the high school transcript and be awarded high school elective credit.
- All students are required to take a math course during each grades 9-12
- Students who successfully complete Spanish 1 will receive Spanish 1 credit if they pass both classes consecutively with a C or better. Students desiring to earn World Language credit for Spanish 1 and Spanish II coursework will have to pass both classes with a C or better. Credit will be recorded on the high school transcript. The transcript will reflect the letter grade earned in the course, however, the grade will not be calculated in the student's GPA

### **Graduation Deficiencies**

Seniors with graduation deficiencies will not be allowed to participate in graduation ceremonies.

### **Grades**

Students attending QCHS and EHS will be assessed using the following grading scales.

<u>Grading Scale</u>	<u>GPA</u>	<u>Weighted GPA</u>
A = 90-100	A = 4.0	A = 5.0
B = 80-89	B = 3.0	B = 4.0
C = 70-79	C = 2.0	C = 2.5
D = 60-69	D = 1.0	D = 1.0
F = 0-59	F = No Credit	F = No Credit

*Pass/Fail* grades are awarded for the Teacher Aide, Peer Tutor and Parallel Learners programs and when a student tests out of a course. A grade of "P" is not used to determine grade-point value and does not count toward Honor Roll. NCAA interprets a "P" grade as a "D" grade according to NCAA guidelines.

### *Additional Grades*

NCR	No Credit (Students receive this grade when they have met course requirements but have not met the attendance requirement.)
INC	Incomplete (An incomplete grade must be made up no later than two weeks after the quarter ends.)
NG	No Grade (Usually given to transfer students when transcripts have not arrived or student was not in school for a long enough period to attempt a grade.)
W	Withdraw (Used in exceptional circumstances)



WF Withdraw/Fail (Students receive this grade when they withdraw from a course after the first nine weeks of each semester.)

### Honor Roll

1. Students must be full-time students.
2. Students may have no grade below a B.
3. Students must have a grade point average between 3.500-3.999 for Honor Roll.
4. Students must have a grade point average of 4.00 or above for the Principal's Honor Roll.
5. Students who are on the Principal's Honor Roll for the first three semesters of being enrolled at Queen Creek and Eastmark High School will receive an Academic Letter Certificate at the Academic Awards Ceremony.

### NCAA (National Collegiate Athletic Association) Eligibility

All prospective student athletes who intend to participate in NCAA Division I or II athletics must register and be certified by the NCAA Initial-Eligibility Clearinghouse. *NCAA requires a specific group of courses.* These courses must be taken in grades 9-12 and NCAA will not accept credit earned in 7th or 8th grade. See the Guidance and Counseling Department for details and/or possible changes in registration procedures. NCAA interprets a "P" grade as a "D" grade according to NCAA guidelines.

### Scholarship and Financial Aid

Specific information regarding college scholarships and financial aid may be obtained from the College and Career Advisor in the College and Career Center. Scholarships are continuously updated on the Queen Creek High School and/ or Eastmark High School website.

### Valedictorian

1. Candidate must have a 4.0 cumulative *unweighted* GPA.
2. Candidate must have been enrolled at QCHS for 3 consecutive semesters.
3. All online courses must be completed by the end of the 7th semester (end of semester 1 of their senior year).
4. The candidate with the highest weighted GPA in *only* the following courses will be named Valedictorian:

English 9 English 10 English 11 English 12 Math YR 1 (Algebra 1 or higher) Math YR 2 (Geometry or higher) Math YR 3 (Algebra 2 or higher) Math YR 4 (Quantitate reasoning or higher)	Science YR 1 Biology or higher Science YR 1 Chemistry or higher Science YR 1 World History US History Economics <b>OR</b> Govt. World Language YR 1 World Language YR 2	Fine Art/ CTE Elective Physical Education Additional Elective Additional Elective Additional Elective Additional Elective
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+ If a tie occurs, the highest score on the District sponsored college entrance exam will be the deciding factor.

++ If a subsequent tie occurs, AP Exam scores will be used.

+++ No pass/fail courses will be included in the calculation, such as but not limited to: Teacher's Aide or Course Test-Outs.

### HONORS/ ADVANCED PLACEMENT/ DUAL ENROLLMENT

Weighted courses must be designed and implemented to demand more challenging involvement on the part of the students. The coursework must be significantly more rigorous (higher levels of quality student thinking) than their standard course counterpart and must provide students multiple opportunities to take greater ownership of their learning. These courses should be distinguished by differences in the quality and composition of their coursework, not by the quantity of the work required. Weighted courses should be designed for students who have demonstrated a high level of interest and academic achievement in a given subject area.

Accordingly, students and parents should understand that weighted courses are more demanding and have requirements beyond those of non-honors courses.

All weighted courses must contain:

1. Significant academic rigor requiring additional effort and perseverance on the part of the student
2. Additional depth and breadth of content compared to a non-honors section
3. Relevant learning to students
4. Critical and reflective thinking and analytical writing tasks including argumentative, informational, and persuasive components
5. Greater amount of class discussion, using the Socratic method, with opportunities to defend ideas and positions
6. Alignment to Arizona College and Career Ready standards
7. Technology integration
8. Evidence of various types of writing Creative approach to instruction
9. Provide a foundation for success in AP classes and college success
10. Multi-purpose assessments that include peer evaluation, risk taking, critical thinking and creativity

Weighted courses should also exhibit two or more of the following:

- Independent research
- Summer reading or other outside summer activities
- Inquiry-based learning
- Leadership components
- Service learning opportunities

### **ADVANCED PLACEMENT PROGRAM (AP)**

The Advanced Placement Program consist of college-level courses and the exams are governed by the College Board. Students who attain acceptable scores on the exams may qualify for college credit, advanced placement, in college or exemption from certain courses. Students are required to take the AP exam in the spring. A fee is required for each AP exam.

Several courses in the curriculum are designed to prepare students for the AP exams. These courses are designated “AP” in the course description section of this guide. Specific prerequisite and course requirements are stated in the individual course descriptions. Students are encouraged to check with colleges of choice to verify AP credit acceptance.

### **East Valley Institute of Technology (EVIT)**

Queen Creek High School and Eastmark High School are members’ of the East Valley Institute of Technology (EVIT) Joint Technical Education District (JTED). EVIT is a specialized school that offers high school level technical training in several cluster areas. Completion of a series of courses may qualify students for industry-recognized certifications. EVIT training can also lead to advanced education in the students’ chosen fields of study at the post-secondary level. Students attend EVIT courses one-half of each day while the other half is spent at QCHS/ EHS. Transportation is provided for PM EVIT students only. See all EVIT course listings at the end of this catalog.

## **REGISTRATION & SCHEDULING INFORMATION**

School counselors will meet with students to discuss the registration process. Information and assistance will be given to select courses for the upcoming school year. Prior to selecting courses, students and parents should read the introductory section of this guide carefully to become familiarized with the vital school information it contains. Students are urged to select their classes carefully since the master schedule is based upon student requests and there will be limited opportunity to make changes to requested classes. Certain subjects, offered with a limited number of sections, require registration and entry priority to be given in the following order: seniors, juniors, sophomores, and freshmen.

**IF YOU HAVEN'T COMPLETED ALL REGISTRATION STEPS, YOU ARE NOT REGISTERED FOR THE NEXT SCHOOL YEAR! STUDENTS WHO FAIL TO COMPLETE THE PROCESS WILL BE PLACED BY THE COUNSELING DEPARTMENT IN REQUIRED COURSES AND IN ELECTIVE COURSES ONLY AS SPACE PERMITS. STUDENTS WHO DO NOT FOLLOW THIS PROCEDURE WILL NOT GAIN EXCEPTION TO THE CRITERIA FOR SCHEDULE CHANGES.**

- **There will be no elective\* changes after registration is complete.** The numbers signed up for a given elective help us plan for staffing. In the spring, students will meet with a counselor to finalize their course requests. We create the Master Schedule based off these requests. Please choose carefully.
- Students will be given two weeks at the start of the school year to make any **core area\*** class level changes. No change requests will be taken after the 10<sup>th</sup> day of school because students will not have enough seat time to qualify for a Carnegie unit.
- Students must get teacher, department head, bookstore, and parent signature to drop a class.
- If a student is moving a level down (from AP or Honors to regular) they will be issued a transfer grade from that AP/Honors class that will follow them into their new class.
- If a schedule change is approved and made from one course to a different course, or from a regular level class into an AP/Honors class, students will be allowed the number of days absent, plus one day to make up the assignments.
- **After the 10<sup>th</sup> day of school, there will be no core area class or level changes until semester.**

\* **"Core Area"** classes refer to classes in the English, Math, Science, and Social Studies areas.

\* **"Elective"** classes refer to all Fine Art, Career and Technical Education (CTE), Physical Education, World Language, courses, etc.

## Career Path Academies (EHS)

A Career Path Academy is a school within a high school that ties what you're learning in class to the high demand career that interest you. Career Path Academies bring what you're learning to life by infusing your core academic studies with career related lessons and hands-on projects and by teaming you up with other students who share the same interests as you. At Eastmark High School, we are using the wall-to-wall career path academy modeling, meaning that every student may or will choose a Career Path Academy of which to take part. These will provide you with interesting, unique, and fun experiences whether you're headed off to college after high school or if you plan to begin employment right away. When you enroll in a Career Path Academy, you will have the opportunity to earn college credit and even earn industry certification that will make you more employable once you begin your career. Additionally, Career Academies:

- Make the student more competitive for college and careers
- Provide the student with valuable mentoring and internship opportunities with partner businesses
- Connect the student with key employers
- Help the student in choosing a major early

Career Academies are open for enrollment. Each student can be successful in a Career Academy by:

- Improving academic performance
- Earning college credits during high school (dual enrollment)
- Meeting future employers
- Learning job specific skills

Career Academies prepare students to earn industry certification during high school. Industry recognized credentials such as Microsoft Office Specialist, Premier Pro, Solidworks, etc. can equate to increased earning potential upon graduation. Many certifications equate to free college credit, if the student pursues training in a related state college programs.

## **Career Path Academy Options at Eastmark High School**




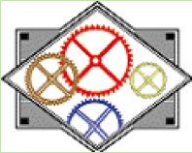
**Business, Leadership, and International Studies (BLIS)**-Do you have a knack for leadership and selling items to others? Then, BLIS is for you! Students will run our Spirit Store on campus as an opportunity to gain real life experience. Students enrolled in Eastmark High School's BLIS Academy will have the option to choose from several career pathways including Marketing, Finance, Army JROTC, and AVID. Students will participate in a rigorous curriculum in each pathway, some of which will be dual enrolled through Chandler-Gilbert Community College. Students will have the opportunity to compete at the local, state, and national level in a two different Career and Technical Student Organizations; DECA, an Association of Marketing Students or Future Business Leaders of America (FBLA).

**Fine Arts and Media Entertainment (FAME)**-Do you have an interest in the creative arts? Are you artistically gifted? Students enrolled in Eastmark High School's FAME Academy will have the option to choose from several career pathways including Film and Television, Graphic Design, and Digital Photography. Students in the Film and Television class will produce a weekly student generated broadcast. Depending on instructor qualification, students may be able to earn dual enrollment credit through Chandler-Gilbert Community College and be able to compete locally, state and nation-wide in the SkillsUSA Career and Technical Student Organization.

**Medical and Social Health (MASH)**-The medical field is projected to grow exponentially as the United States continues to age. Are you ready for a challenge? Students enrolled or Eastmark High School's MASH Academy will have the opportunity to be exposed to several career pathways including Biomedical Science with Project Lead The Way, Certified Nursing Assistant, Medical Records Technology, and Sports Medicine. Students will have the opportunity to compete at the local, state, and national level in HOSA or SkillsUSA Career and Technical Student Organization. Students may have the opportunity to enroll in dual enrollment courses.

**Science, Technology, Engineering, and Mathematics (STEM)**-The career prospects for someone with a STEM degree are greater compared to those in non-STEM fields. Currently, there are many unfilled, high paying jobs in these areas. Students choosing Queen Creek High School or Eastmark High School's STEM Academy will be exposed to several rigorous pathways including Engineering with Project Lead The Way, Computer Science with Project Lead The Way, Application Development with Swift, Computer Maintenance, and Computer Networking. Students will have the opportunity to compete at the local, state, and national level in the SkillsUSA Career and Technical Student Organization. Students may have the opportunity to enroll in dual enrollment courses.

## Career Academy - EHS

 <p style="text-align: center;"><b>BLIS</b></p>	<p>Business, Leadership, International Studies</p>	<p><u><b>CTE PROGRAMS</b></u></p> <ul style="list-style-type: none"> <li>• Marketing</li> <li>• Financial Services</li> </ul>	<p><u><b>ELECTIVES</b></u></p> <ul style="list-style-type: none"> <li>• AVID</li> <li>• JROTC Leadership and Education Training (LET)</li> <li>• Honors Academic Decathlon</li> <li>• AP European History</li> <li>• AP Human Geography</li> <li>• Honors Ancient Civilizations</li> <li>• International Relations</li> <li>• World Languages: Mandarin Chinese and Spanish.</li> </ul>
 <p style="text-align: center;"><b>FAME</b></p>	<p>Fine Arts and Media Entertainment</p>	<p><u><b>CTE PROGRAMS</b></u></p> <ul style="list-style-type: none"> <li>• Digital Photography</li> <li>• Film and TV</li> <li>• Graphic Design</li> </ul>	<p><u><b>ELECTIVES</b></u></p> <ul style="list-style-type: none"> <li>• All Fine Arts courses</li> <li>• Yearbook/ Journalism</li> </ul>
 <p style="text-align: center;"><b>MASH</b></p>	<p>Medical and Social Health</p>	<p><u><b>CTE PROGRAMS</b></u></p> <ul style="list-style-type: none"> <li>• Biomedical Science</li> <li>• Medical Professions</li> <li>• Medical Records Technology</li> <li>• Sports Medicine</li> </ul>	<p><u><b>ELECTIVES</b></u></p> <ul style="list-style-type: none"> <li>• Psychology and AP Psychology</li> </ul>
 <p style="text-align: center;"><b>STEM</b></p>	<p>Science, Technology, Engineering, and Math</p>	<p><u><b>CTE PROGRAMS</b></u></p> <ul style="list-style-type: none"> <li>• Computer Maintenance</li> <li>• Engineering</li> <li>• Computer Science</li> <li>• Engineering Science</li> </ul>	<p><u><b>ELECTIVES</b></u></p> <ul style="list-style-type: none"> <li>• Apple Coding</li> </ul>

**Physical Education:** Co Ed PE, Comprehensive Health, Dance, QCHS/ EHS Cheer, QCHS/ EHS Pom, Strength & Conditioning Weight Training, TEAM Performance Weights, Yogalates. **Partnerships:** EVIT, and Release/ Seminary

## Graduation Requirements

Courses:	English	Math	Science	Social Studies	Practical or Fine Art	Modern Language	Physical Education	Electives	Total Credits
Graduation Requirements- Regular Diploma	4	4	3	3	1	0	1	6	22
Graduation Requirements- Scholastic Diploma	4	4	4	3	1	2	1	5	24
In-State University Entrance Requirements	4	4	3	2	1	2	0	0	16

### English (4 credits):

This requirement must be met by completing one credit each of English 9, English 10, English 11 and English 12 or options that satisfy the requirement.

### Math (4 credits):

This requirement must be met by completing Algebra I, Geometry, Algebra II and one additional class that requires Algebra II as a prerequisite. Higher level courses will also satisfy the graduation requirements.

### Science (3 credits):

This requirement can be met by earning 3 credits in any science course. Science courses shall prepare students for the high school AzSCI that will be taken during junior year for all students.

### Social Studies (3 credits):

This requirement must be met by earning one credit of World History and Geography, one credit of US/ Arizona History, one-half ½ credit of US/ Arizona Government and one-half ½ credit of Economics.

### Physical Education (1 credit):

This requirement can be met by successfully completing one credit in physical education course or two credits in either Marching Band or Army JROTC.

### Art (Fine or Career and Technical Education) (1 credit):

This requirement can be met by earning one credit in either the Fine or Practical Arts. The Fine Arts include Visual and Performing Arts and the Practical Arts include the Career and Technical Education (CTE) programs.

### Electives (6 credits):

This requirement can be met by successfully completing any six credits of elective course offerings. Students may only earn one (1) of their elective credits through a student aide position. All information regarding course and graduation requirements is subject to change pending legislation and state mandate. This course description catalog lists courses available at Queen Creek High and Eastmark High School. Although a course is listed, it will not be offered unless school has sufficient resources and a sufficient number of students register for the course. Course availability and offerings may change throughout the school year. Student schedules are always subject to change due to school-wide changes to master schedules and class leveling.

### Education and Career Action Plan:

Education and Career Action Plan on February 25, 2008, the Arizona State Board of Education approved Education and Career Action Plans (ECAP) for all students grades 9-12 (R7-2-302.05). All students in grades 9-12 will complete an Arizona Education and Career Action Plan. An ECAP reflects a student's current plan of coursework, career aspirations, and extended learning opportunities in order to develop the student's individual academic and career goals.

**State Mandated Testing beginning 2021-2022:**

Per the Arizona Department of Education, all 9<sup>th</sup> grade students will take the ACT Inspire and all junior year students will take the ACT and the AzSCI.

**Civics Test Requirement:**

In 2015, the Arizona legislature passed the American Civics Act (House Bill 2064). This bill requires students to pass a civics test based on the United States Immigration and Naturalization civics questions. Students will be required to score 60% or higher in order to graduate from high school or obtain a high school equivalency certificate.

**Enrollment Requirements:**

Freshmen and sophomore students are required to enroll in a minimum of six courses. In 2020-2021, junior students will also be required to enroll in six (6) classes. In 2021-2022, senior students will be required to enroll in a minimum of five (5) classes. Students are required to take four years of math at the high school.

## Queen Creek & Eastmark High School 4 Year Plan

9th	10th	11th	12th	Totals
English	English	English	English	4
Social Studies	Elective	Social Studies	Social Studies	(3 Social Studies, 1 Elective)
Math	Math	Math	Math	4
Science	Science	Science	Elective	(3 Science, 1 Elective)
Elective	Elective/Career Path Academy Class	Elective/Career Path Academy Class	Elective/Career Path Academy Course	4
Elective	Elective/Career Path Academy Class	Elective/Career Path Academy Class	Elective/Career Path Academy Class	4
6 Credits	6 Credits	6 Credits	6 Credits	24 for Scholastic Diploma 22 for Standard Diploma (22 Required for graduation.)

A minimum of 22 credits must be earned to meet high school graduation requirements.

- 4 Credits of English
- 4 Credits of Math
- 3 Credits of Science
- 1 Credit of World Studies
- 1 Credit of United States/ Arizona History
- ½ Credit (1 Semester) of Economics
- ½ Credit (1 Semester) of US/ AZ Government
- 1 Credit of Physical Education (Dance, Personal Fitness, Weights, Co-ed PE, JROTC, Marching Band ( 4 semesters will satisfy 1 PE credit for graduation)
- 1 Credit of Arts (Fine or CTE)
- 6 additional elective credits
- Successful completion of the New Civics Test Requirement
- In-State University admission requires 2 years of a World Language and a Fine or Practical (CTE) Art to be planned in elective spaces.
- Board Policy requires freshmen, sophomores, and juniors to enroll in six courses. Graduating seniors will be required to enroll in a minimum of five credit earning courses.

## ARTS PROFICIENCY SEAL

### Objectives

The goals of the Arizona State Seal of Arts proficiency are:

- To celebrate students who demonstrate high levels of proficiency in the Arizona Arts Education Standards through personal expression and creative experiences in arts education programs.
- To identify pathways of **artistic literacy** that cultivate skills for the 21st century success.
- To prepare students for college and career readiness, including active participation in the creative industries sector.
- To promote increased access to well-rounded, high quality arts education across the state.

### Standards

The Arizona Arts Education Standards are sequentially-based, and include five recognized **Artistic Disciplines: Music, Theater, Dance, Visual Arts, and Media Arts.**

Regardless of artistic medium or discipline, the standards emphasize and are organized around the 4 Artistic Processes:

1. Creating
2. Performing / Presenting / Producing
3. Responding
4. Connecting

### Proficiency Seal Requirements

To qualify for the Arizona State Seal of Arts Proficiency, a student will complete:

1. A final GPA of 3.0 or 4.0 in each qualifying Arts / Career and Technical Education (CTE) course.
2. 4 minimum credit requirements in one of the following ways:
  - a. A minimum of 4 credits in one artistic discipline: (Music, Theater, Dance, Visual Arts, or Media Arts)  
OR
  - b. 3 credits in one artistic discipline, and 1 credit in a separate artistic discipline or qualifying creative industries CTE class.  
OR
  - c. 2 credits in one artistic discipline, and 2 credits in a separate artistic discipline or qualifying creative industries CTE classes.
3. Students will be required to achieve a minimum requirement of 80 hours of arts-related extracurricular activities during their high school career. This requirement will be gradually rolled out as follows:



**Students graduating in school year 2021-2022** must complete **at least 60 hours** engaged in arts-related extracurricular activities.

**Students graduating in school year 2022-2023** must complete **at least 80 hours** engaged in arts-related extracurricular activities.

#### **4. A student Capstone Project**

A capstone project is a project-based learning opportunity for a student to showcase the culmination of their knowledge while fostering real world skills and experience. Capstone projects are often utilized in higher education to prepare students for career success. The State Arts Proficiency Seal capstone process guides students to plan and execute a *student-led artistic project of their choice*. The capstone projects encourages learners to apply their knowledge and mastery of the Arizona Arts Education Standards in a way that interest them and furthers their individual goals. Through the student capstone project, students should demonstrate their **artistic literacy** through their ability to Create, Perform/Present/Produce, Connect, and Respond as an artist.

The capstone project should take place during the student's final year of study to allow the student to infuse their capstone project with the culmination of their artistic learning in a meaningful way. There will be both writing and presentation and/or digital components that will be graded by a rubric.

### **QCUSD Service Learning Honor of Excellence Seal**

Students will be eligible for the Honor of Excellence in Service Learning seal on their diploma upon completion of approved service learning throughout their four years of high school. For the Service Learning Honor of Excellence Seal, 200 approved service learning hours will be required. Students may earn hours from a combination of curriculum based service learning and extracurricular service sponsored by school clubs or community organizations. Please see your academic counselor for the application.

### **Arizona Seal of Biliteracy**

To be eligible to be awarded the State Seal of Biliteracy, each student shall demonstrate proficiency in English and a Foreign Language. The student must successfully complete all English Language Arts requirements for graduation with an overall grade point average in those classes of 2.0 or higher on a 4.0 scale, pass ELA end of course examinations and must demonstrate proficiency in a second language through a passing score on the \*STAMP test, or receive a score of a 4 or 5 on an \*\*AP world language test. If the student has a primary home language other than English, the student shall obtain a score of proficient based on the AZELLA. \*The STAMP test requires a fee of \$25.00

\*\* AP exam requires an additional fee

### **Career & Technical Education (CTE)**

Each Career and Technical Education program has a specific set of courses designed to help students prepare for post-secondary education and the world of work. All programs are designed to start with an introduction into the career and conclude with a work-based learning experience/Internship (see below). If a student has a career goal in mind or just wants to see what a career might entail, taking a CTE class will help guide them to their future. It is highly recommended that the student completes the program sequence and upon completion the student will receive an industry certification that the student can use for work placement.

All CTE courses require participation with a Career and Technical Education Student Organization (CTSO). CTSO's include DECA, FFA, FCCLA, FBLA, HOSA, ATS/ITS, and SkillsUSA. Through participation in various CTSO's, students have the opportunity to participate in leadership conferences as well as compete in areas of interest for recognition, rewards, and scholarships.

All courses in this department will meet QCUSD requirements for CTE Credit or Elective Credit. CTE credits will meet all In-State University requirements for CTE or Fine Arts credit. Out-of-State Universities might have different requirements. Please take a few moments to look through the exciting courses CTE has to offer.

# Business, Leadership, and International Studies (BLIS)

## Carpentry I

Course Code: CAR100

Grade Level: 9, 10, 11

Length of Course: 1 Year

1 Credit

Fee: \$30

Offered at: QCHS

*Dual enrollment may be offered in this course. Please see your instructor*

This introductory course enables students to explore Carpentry and Construction technology. Students will utilize skills, materials, methods, and processes that will provide them with career awareness. The student will obtain basic working knowledge of woodworking skills and construction trade skills through hands on experience in a lab setting, with emphasis on safe use of hand tools, portable power tools and stationary power equipment. The student will develop work place skills through career and job exploration, leadership style and techniques, construction economy, organization, oral/written communications and mathematics related to the industry. This course will prepare students for Carpentry II. Participation in the state-approved CTE Career & Technical Student Organization, SkillsUSA, is part of this class. The Arizona Department of Education CTE Carpentry standards are taught in this course and throughout the Carpentry Program.

## Carpentry II

Course Code: CAR200

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Carpentry I

Fee: \$35

Offered at: QCHS

*Dual enrollment may be offered in this course. Please see your instructor*

This advanced course is designed for students with a greater interest in the construction and carpentry profession. This course will include a safe hands-on, applied study of wood and metal construction, masonry/concrete, framing, exterior finishing, doors and window installation, drywall, cabinet installation, flooring and painting. Students will have a chance to work in a team environment while building many different types of structures. Students will learn a variety of leadership skills, oral/written communications and apply mathematic concepts while performing construction and carpentry projects for the community. Each student will complete OSHA training. This course prepares the student to enter the construction and carpentry industry. Participation in the state-approved CTE Career & Technical Student Organization, SkillsUSA, is part of this class.

## Carpentry Enterprise

Course Code: CAR300

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Carpentry I & II (C or better) and teacher approval

Fee: \$30

Offered at: QCHS

*Dual enrollment may be offered in this course. Please see your instructor*

Carpentry Enterprise is a work-based learning course designed to give third year carpentry students hands on learning with clients. Students will work with members of industry, on and off campus, perfecting their technical skills. Client work may include, but is not limited to, framing, exterior finishing, plumbing, flooring, electrical installation and framing. Development of skills in leadership, employability, applied mathematics and business communication will be emphasized. Students may be required to provide their own transportation pending the client and job site. Program requires parent permission, along with Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

## Carpentry Internship

Course Code: CAR400

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisite: Carpentry I & II) and teacher approval

Fee: \$30

Offered at: QCHS

This course is a year-long course devoted to the application of the technical skills gained through the Carpentry program. Students will participate in a paid or unpaid internship on/off campus to practice and improve their skills in the Construction and Carpentry Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA. Students have the opportunity to earn one credit based off of 120 hours of work.

## Culinary Arts I

Course Code: CUL100

Grade Level: 9, 10, 11

Length of Course: 1 Year

1 Credit

Prerequisite: Food Handlers card

Fee: \$30

Offered at: QCHS

*Dual enrollment credit may be offered for this course. Please see instructor*

Culinary Arts I is designed to introduce and prepare students with the academic and industry standard skills needed for Culinary Arts and Food Production in the hospitality industry. Students will explore careers in Culinary Arts as well as examine: food preparation, sanitation, workplace safety, commercial equipment, marketing and much more! Participation in the state-approved CTE Career & Technical Student Organization, FCCLA, is part of this class. The Arizona Department of Education CTE Culinary Arts standards are taught in this course and throughout the Culinary Arts Program.

## **Culinary Arts II**

**Course Code: CUL200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Culinary Arts I

**Fee:** \$45

**Offered at:** QCHS

*Dual enrollment credit may be offered for this course. Please see instructor*

Culinary Arts II is designed to advance and improve technical skills needed for advancement in the Culinary Arts industry e.g., the use of large commercial kitchen equipment, knife skills, front and back of the house operations, advanced pastries, baking, sauces and basic hot and cold food preparation. Participation in the state-approved CTE Career & Technical Student Organization, FCCLA, is part of this class.

## **Culinary Internship**

**Course Code: CUL400**

**Grade Level:** 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Culinary I, II and teacher approval

**Fee:** \$30

**Offered at:** QCHS

*Dual enrollment credit may be offered for this course. Please see instructor*

This course is a year-long course devoted to the application of the technical skills gained through the Culinary Arts program. Students will participate in a paid or unpaid internship on/off campus to practice and improve their skills in the Culinary and Hospitality Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, FCCLA. Students have the opportunity to earn one credit based off of 120 hours of internship hours.

## **Marketing I**

**Course Code: MRK100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

1 Credit

**Fee:** \$30

**Offered at:** QCHS/EHS

*Dual enrollment credit may be offered for this course. Please see instructor*

Marketing I introduces students to the basic concepts of Marketing: target market, consumer behavior, economics, product development, distribution, pricing, promotion and much more! Through academic integration, students will be able to apply concepts learned in core classes to real-world scenarios they can identify with. Participation in the state-approved CTE Career & Technical Student Organization, DECA, is part of this class. The Arizona Department of Education CTE Professional Sales and Marketing standards are taught in this course and throughout the Marketing Program.

## **Marketing II**

**Course Code: MRK200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Marketing I

**Fee:** \$30

**Offered at:** QCHS/EHS

*This course may satisfy ½ credit of high school Economics required for graduation.*

*Dual enrollment credit may be offered for this course. Please see instructor.*

Marketing II is the next step for students wanting to focus on Marketing. Students apply skills learned in Marketing I to real-world scenarios. Largely project-based, students will explore concepts in greater depth by working on projects for real businesses as well as participating in real-world simulations. Participation in the state-approved CTE Career & Technical Student Organization, DECA, is part of this class.

## **Marketing Lab (Spirit Store)**

**Course Code: MRK300**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisites:** Marketing I & II, application and teacher approval

**Fee:** \$30

**Offered at:** QCHS/EHS

*Dual enrollment credit may be offered for this course. Please see instructor*

This is the class for any current or past Marketing student to apply skills learned in Marketing to a real-world retail business! Students may work one to two class periods in the Spirit Store as a part of their regular school schedule. Duties include: product mix

management, merchandise display, promotion, inventory control, managing a store budget, and other functions associated with running a business. This store is a classroom, meant to allow students to practice work-based learning in a controlled setting. Participation in the state-approved CTE Career & Technical Student Organization, DECA, is part of this class.

### **Marketing Internship**

**Course Code: MRK400**

<b>Grade Level:</b> 12	<b>Length of Course:</b> 1 Year	1 Credit
<b>Prerequisite:</b> Marketing I, II and teacher approval		
<b>Fee:</b> \$30		
<b>Offered at:</b> QCHS/ EHS		

This course is a year-long course devoted to the application of the technical skills gained through the Marketing program. Students will participate in a paid or unpaid internship on/off campus to practice and improve their skills in the Professional Sales and Marketing Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours total. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Participation in the state-approved CTE Career & Technical Student Organization, DECA, is part of this class.

### **Financial Services I**

**Course Code: BUS100**

<b>Grade Level:</b> 9,10, 11	<b>Length of Course:</b> 1 Year	1 Credit
<b>Fee:</b> \$30		
<b>Offered at:</b> EHS		

Financial Services introduces students to basic financial planning concepts and illustrates how these concepts relate to everyday life. Topics covered include investments, stocks, mutual funds, real estate, and other financial investments while integrating technology. Students enrolling in the course are strongly encouraged to join FBLA (Future Business Leaders of America). Opportunities through FBLA include leadership development, field trips, travel and competition. The Arizona Department of Education CTE Financial Services standards are taught in this course and throughout the Financial Services Program.

### **Financial Services II**

**Course Code: BUS200**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Year	1 Credit
<b>Prerequisite:</b> Financial Services I		
<b>Fee:</b> \$30		
<b>Offered at:</b> EHS		

Students will further explore the financial services field and learn how to create and use a budget, borrow and invest wisely, buy large purchase items (automobile, home, and etc.), make appropriate insurance choices (auto, health, life, and housing), learn about taxes and credit rating scores, and how to create a retirement plan. Students will also focus on business math and its application to the real world. Students will learn the fundamentals of starting and/or managing a business. Students enrolling in the course are strongly encouraged to join FBLA (Future Business Leaders of America). Opportunities through FBLA include leadership development, field trips, travel and competition.

### **Financial Services Internship**

**Course Code: BUS400**

<b>Grade Level:</b> 12	<b>Length of Course:</b> 1 Year	1 Credit
<b>Prerequisite:</b> Financial Services II		
<b>Fee:</b> \$30		
<b>Offered at:</b> EHS		

This course is a year-long course devoted to the application of the technical skills gained through the Financial Services program. Students will participate in a paid or unpaid internship on/off campus to practice and improve their skills in the Banking and Finance Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours per semester, 240 hours total. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Participation in the state-approved CTE Career & Technical Student Organization, FBLA, is part of this class.

## Fine Arts and Media Entertainment (FAME)

Additional Fine Arts courses are listed on page 36.

### Film & TV I

**Course Code: FTV100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

1 Credit

**Fee:** \$30

**Offered at:** QCHS/ EHS

This course is an introduction to the operations and techniques of video production and electronic news and sports journalism. Emphasis is placed on video, audio, lighting, studio and field production. Course work will include hands-on operations of a television studio, editing facilities, digital video production, and live streaming of events. Students produce videos that will be featured on the High School TV channel. Students will be required to write scripts, storyboards, work in a team environment, and work in a professional and mature manner. Students will also learn on-camera reporting and sports-casting skills. Students will also be taught the basics producing videos for social media and the effects on the broadcast industry. Time outside the classroom may be required to achieve the standards. Participation in the state-approved CTE Career & Technical Student Organization, FBLA is a part of this curriculum. The Arizona Department of Education CTE Film & TV standards are taught in this course and throughout the Film & TV Program.

### Film & TV II

**Course Code: FTV200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisites:** Film & TV I (C or better)

**Fee:** \$30

**Offered at:** QCHS/ EHS

This is an intermediate course that expands on the operations and techniques of video production and electronic news and sports journalism. Students will enhance their skills by producing, recording and editing shows for Bulldog Vision Television (BVTV), the Queen Creek High School TV channel. This course includes the advance techniques of live streaming events, on-camera reporting and sports-casting. Students will engage in directing and producing "industry-standard" projects using a variety of video applications. Students are expected to devote the time outside of class to achieve this standard. Participation in the state-approved CTE Career & Technical Student Organization FBLA, is a part of this curriculum.

### Film & TV III

**Course Code: FTV300**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisites:** Film & TV I & II (C or better) and teacher approval

**Fee:** \$30

**Offered at:** QCHS/ EHS

Students will produce, record, edit news and sports stories, corporate, education, and non-broadcast videos that do not take place in a standard television studio. Students will work with a team in planning, recording and publishing videos for clients. Participation in the state-approved CTE Career & Technical Student Organization, FBLA is a part of this curriculum.

### Film & TV Internship

**Course Code: FTV400**

**Grade Level:** 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Film & TV I & II, and teacher approval

**Fee:** \$30

**Offered at:** QCHS/ EHS

*This course may be taken concurrently with Film & TV III.*

This course is a year-long course devoted to the application of the Film & TV technical skills gained through the Film & TV program. Students will participate in a paid or unpaid internship to practice and improve their skills in the Film & TV Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours for one credit. Each student must provide his or her own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, FBLA.

### Graphic Design I

**Course Code: GRD100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

1 Credit

**Fee:** \$30

**Offered at:** QCHS/ EHS

Students will industry-recognized software to demonstrate layout, set page design, and develop a commercial art portfolio. Students will be producing work extensively with businesses, community groups, and on-campus organizations. Students will have the opportunity to work with community clients as far as designing logos, flyers, brochures, school student planners and have guest speakers from the industry. This course will prepare students for Graphic Design II. If you have a little bit of creativity that's all you need, we will take care of the rest. Participation in the state-approved CTE Career & Technical Student Organization, FBLA, is a part

of this class. The Arizona Department of Education CTE Graphic/Web Design standards are taught in this course and throughout the Graphic/Web Design Program.

### Graphic Design II

**Course Code: GRD200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisites:** Graphic Design I

**Fee:** \$30

**Offered at:** QCHS/ EHS

Emphasis will be placed on enhancement and completion of a portfolio, both electronic and standard type. Students will demonstrate commercial imaging skills including small product commercial illustrations through advanced instruction in industry-recognized software. They will learn to use a scanner and photo imaging equipment and printers. Students will apply basic artistic and technical skills to layouts, design and typographic arrangement of printed and/or electronic graphic and textual products. Students will be producing work extensively with businesses, community groups, and on-campus organizations. Students will have the opportunity to visit design firms and work with community businesses thus allowing the students to have a one-on-one opportunity with professional clients. Participation in the state-approved CTE Career & Technical Student Organization, FBLA is a part of this class.

### Graphic Design III

**Course Code: GRD300**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisites:** Graphic Design I & II

**Fee:** \$30

**Offered at:** QCHS/ EHS

Graphic Design III will focus on advanced training in the advertising art, graphic design, and media communication fields. Students utilize industry standard equipment and software to complete client work. Production design includes logos, letterheads, advertisements, packaging, product illustrations, and portfolio development. Emphasis is on applying client marketing objectives to create designs which communicate to specific target audiences. Students will also have the opportunity to work on independent assignments. By the end of the year, students will have a professional design portfolio of their professional work from the graphic design program. Participation in the state-approved CTE Career & Technical Student Organization, FBLA, is a part of this class.

### Graphic Design Internship

**Course Code: GRD400**

**Grade Level:** 12

**Length of Course:** 1 Year

1 Credit

**Prerequisites:** Graphic Design I, II, and teacher approval

**Fee:** \$30

**Offered at:** QCHS/ EHS

*This course may be taken concurrently with Graphic Design III.*

This course is a year-long course devoted to the application of the technical skills gained through the Graphic Design program. Students will participate in a paid or unpaid internship to practice and improve their skills in the Digital Design Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours per semester, 240 hours total. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Participation in the state-approved CTE Career & Technical Student Organization, FBLA is a part of this class.

### Digital Photography I

**Course Code: DPH100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

1 Credit

**Fee:** \$30

**Offered at:** QCHS/ EHS

This course addresses technical and conceptual concepts in relation to historic and contemporary photography. Students experiment with a variety of lighting techniques, parts and use of a digital SLR camera, digital solutions, and conceptual approaches in order to create visually compelling photographs. Students learn how to transfer skills into a career in professional photography. Students will develop an electronic and traditional portfolio. A digital SLR is highly recommended. No prior photography skills are required for this course. Membership in the state-approved CTE Career & Technical Student Organization, FBLA is part of this class and competition associated with curriculum is highly encouraged. The Arizona Department of Education CTE Digital Photography standards are taught in this course and throughout the Digital Photography Program.

### Digital Photography II

**Course Code: DPH200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Digital Photography I

**Fee:** \$30

**Offered at:** QCHS/ EHS

This one-year course builds on the skills learned in Digital Photography I with an emphasis on production for the needs of clients, publication, or competition. Special attention will be given to the profession of the photographer as artist and commercial artist. Students will be expected to develop technical expertise to enhance their digital imaging skills. Explorations in the process, production,

and the role of digital imaging will provide the students with the 21st century skills necessary for personal development and the work setting. Areas of concentration include portrait photography, photo documentation and journalism, color photography, and the photo essay. Students will design a photo project and will be expected to exhibit their work. Membership in the state-approved CTE Career & Technical Student Organization, FBLA or FBLA, is part of this class and competition associated with curriculum is highly encouraged.

### Digital Photography III

**Course Code: DPH300**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Digital Photography II

**Fee:** \$30

**Offered at:** QCHS/ EHS

This is a one-year course for students who are interested in pursuing photo and graphic communications professionally. Each student will be expected to apply the skills learned in Digital Photography I and II during a service-learning project in which they provide a photographic service to an organization or business. In addition to developing their own personal projects, students will refine professional skills required by the professional graphics industry. Digital Photography students will be expected to mentor both Digital Photography I and II students. Membership in the state-approved CTE Career & Technical Student Organization, FBLA, is part of this class and competition associated with curriculum is highly encouraged.

### Digital Photography Internship

**Course Code: DPH400**

**Grade Level:** 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Digital Photography I, II and teacher approval

**Fee:** \$30

**Offered at:** QCHS/ EHS

This course is a year-long course devoted to the application of the technical skills gained through the Digital Photography program. Students will participate in a paid or unpaid internship to practice and improve their skills in the field and build a professional portfolio. Appropriate internship placement assistance will be provided by the Internship coordinator.. Each student is required to have their own DSLR and laptop. Participation in the state-approved CTE Career & Technical Student Organization, FBLA, is a part of this class. Students are required 120 internship hours for one (1) credit.

### Stagecraft I

**Course Code: STG100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

1 Credit

**Fee:** \$30

**Offered at:** QCHS

This course will introduce students to all area of the backstage theatre production. Students will be exposed to practical theatrical techniques that include lighting, sound, set, and costume design. Students will work closely with the Queen Creek Performing Arts Center Technical Theatre Department. This course is a prerequisite for Theatre II. The Arizona Department of Education CTE Technical Theatre standards are taught in this course and throughout the Technical Theatre Program. Participation in the state-approved CTE Career & Technical Student Organization, ITS, is a part of this curriculum.

### Stagecraft II

**Course Code: STG200**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Stagecraft I

**Fee:** \$30

**Offered at:** QCHS

This course will expand on techniques learned in the previous course. Students will design sets, produce sets and execute an entire performance. Students will be introduced to rigging and plan all visual aspects of a performance. Students will be required to devote time outside of the traditional school day to school performances. Students will work closely with the Queen Creek Performing Arts Center Technical Theatre Department working with rigging lights, sound boards and producing a show. Participation in the state-approved CTE Career & Technical Student Organization, ITS, is a part of this curriculum. This course is a prerequisite for Technical Theatre Internship.

### Stagecraft Internship

**Course Code: STG400**

**Grade Level:** 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Stagecraft I & II

**Fee:** \$30

**Offered at:** QCHS

This course is a year-long course devoted to the application of the technical skills gained through the Technical Theatre program. Students will participate in a paid or unpaid internship to practice and improve their skills in the Performance and Entertainment Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Each student must provide his or her own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students have the opportunity to earn one (1) credit through 120 internship hours.

# Medical and Social Health (MASH)

## Early Childhood Education I

Course Code: ECE100

Grade Level: 9, 10, 11

Length of Course: 1 Year

1 Credit

Fee: \$10

Offered at: QCHS

May be offered for Dual enrollment credit

The first semester will develop students' understanding of human growth and development. It is an in depth study of parenting, pregnancy, newborns, infants and children during the first three years of life. Positive parenting skills are stressed. Students will study the importance of healthy families in today's society. Students' will also be creating and designing a daycare center for children birth to 3 years of age. The second semester will provide students a study of children's growth and development from three to five years of age. Emphasis is on the development of the young child including physical, social, intellectual, and emotional development. Students will participate in preschool observation, writing lesson plans, teaching at the TOYBOX preschool and hands-on activities. This course is designed for students who are interested in a career with children and is a prerequisite for the TOYBOX Preschool program Membership in the state-approved CTE Career & Technical Student Organization, FCCLA, is part of this class. The Arizona Department of Education CTE Early Childhood Education standards are taught in this course and throughout the Early Childhood Education Program.

## Early Childhood Education II

Course Code: ECE200

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Early Childhood Education I and a clear TB test

Fee: \$30

Offered at: QCHS

May be offered for Dual enrollment credit

This one credit course consists of one hour in the classroom and on-the-job training in the high school TOYBOX Preschool lab. Students will be creating lessons for teaching, supervising, and using positive methods of discipline. They will also study preschool operations, as well as those of other child care centers. Students will also learn about school-age children in this class. Students will receive CPR and First Aid certification in this class. A clear TB test is required for this class. This experience will provide students with opportunities to explore a variety of careers in Early Childhood Education. Membership in the state-approved CTE Career & Technical Student Organization, FCCLA, is part of this class.

## TOYBOX Preschool Lab

Course Code: ECE300

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Early Childhood Education I & II, a clear TB test and teacher approval

Fee: \$20

Offered at: QCHS

This course consists of one hour in the high school TOYBOX pre-school lab. Students will be creating lessons, teaching, supervising and using positive methods of discipline. They will be given responsibilities that must be completed each day. This experience will provide students with opportunities to explore the possibilities of careers in Early Childhood Education. Participation in the state-approved CTE Career & Technical Student Organization, Family Career and Community Leaders of America (FCCLA), is part of this curriculum. Teacher approval is required through an application process.

## Early Childhood Education Internship

Course Code: ECE400

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisite: Early Childhood Education I & II, and teacher approval

Fee: \$30

Offered at: QCHS

This year-long course is devoted to the application of the technical skills gained through the Early Childhood Education program. Students will participate in a paid or unpaid internship to practice and improve their skills in the field of Early Childhood Education. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Membership in the state-approved CTE Career & Technical Student Organization, FCCLA, is part of this class. Students have the opportunity to earn one credit based off of 120 internship hours.

## Project Lead the Way Biomedical I: Principals of Biomedical Science

Course Code: BMS100

Grade Level: 9, 10, 11

Length of Course: 1 Year

1 Credit - Weighted

Prerequisites: Required to be concurrently taking or have taken Biology

Fee: \$30

Offered at: QCHS/EHS

In the introductory course of the Project Lead the Way (PLTW) Biomedical Science program, students explore concepts of biology and medicine to determine the factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The



activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. Students will participate in the state-approved CTE Career & Technical Student Organization Health Occupations Students of America (HOSA). The Arizona Department of Education CTE Bioscience standards are also taught throughout the Project Lead The Way Biomedical Program.

### **Project Lead the Way Biomedical II: Human Body Systems**

**Course Code: BMS200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

**1 Credit - Weighted**

**Prerequisites:** Biomedical Principles I (C or higher)

**Fee:** \$30

**Offered at:** QCHS/ EHS

This course is designed as a continuation of **Project Lead the Way Biomedical I: Principles of Biomedical Science**. Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Students will participate in the state-approved CTE Career & Technical Student Organization Health Occupations Students of America (HOSA). The Arizona Department of Education CTE Bioscience standards are also taught throughout the Project Lead The Way Biomedical Program.

### **Bioscience Internship**

**Course Code: BMS400**

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisites:** PLTW Biomedical I & II and teacher approval

**Fee:** \$30

**Offered at:** QCHS/ EHS

This course is a year-long course devoted to the application of the technical skills gained through the Project Lead The Way Biomedical program. Students will participate in a paid or unpaid internship to practice skills. Appropriate internship placement assistance will be provided by the Internship coordinator. d improve their skills in the Biotechnology Industry. Appropriate internship placement assistance will be provided by the program teacher. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours for one credit. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, HOSA.

### **Medical Professions I**

**Course Code: NUR100**

**Grade Level:** 11

**Length of Course:** 1 Year

**1 Credit**

**Fee:** \$30

**Offered at:** QCHS/ EHS

This course is designed to prepare students for employment in the health care industry, specifically Nursing Services, while developing valuable technical skills. Students are introduced to assistant health care competencies through anatomy, physiology, medical terminology, legal and ethical responsibilities, safety and industry-specific leadership development. In addition, students will learn advanced employability skills including critical thinking skills, applied academic skills and life management skills. Students will participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA). Arizona State Nursing Board curriculum and Arizona Department of Education Nursing Services standards are taught in this course and throughout the Medical Professions program. Students must meet the attendance and grading requirements to remain in the program.

### **Medical Professions II**

**Course Code: NUR200**

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Medical Professions I, English & Math Accuplacer (place into 100 level or higher) and teacher approval

**Fee:** \$40

**Offered at:** QCHS/ EHS

May be offered for Dual enrollment credit

This course prepares students for employment in the healthcare industry as Nursing Assistants. Students will apply academic and technical allied health knowledge and skills in a clinical setting. Weekly clinical hours may extend beyond the regular school day. Students who complete this program will have the technical knowledge and skills to become certified as a Nursing Assistant, the competencies to be accepted in a postsecondary health care program, and the skills to seek employment in new and emerging occupations. Students must complete a TB test, obtain a fingerprint card and pass an industry-required drug test. Students will participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA). Arizona State Nursing Board curriculum and Arizona Department of Education Nursing Services standards are taught in this course and throughout the Medical Professions program.

### **Medical Professions Internship**

**Course Code: NUR400**

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Medical Professions I, II, and teacher approval

**Fee:** \$30

**Offered at:** QCHS/ EHS

This course is a year-long course devoted to the application of the technical skills gained through the Medical Professions program. Students will participate in a paid or unpaid internship to practice and improve their skills in the industry. Appropriate internship

placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours for one credit. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Participation in the state-approved CTE Career & Technical Student Organization, HOSA, is offered to students.

### Medical Record Technologies I

**Course Code: MRT100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

**1 Credit**

**Fee:** \$30

**Offered at:** EHS

This course introduces students to common technologies used in the workplace. students to practice creating, updating, storing and accessing medical records like patient charts, appointment schedules and test results Students will distinguish among various healthcare delivery systems, utilize medical terminology, apply payer guidelines and explain HIPAA. Students practice processing Medicare, Medicaid and workers' compensation claims for outpatient and inpatient treatment. Participation in the state-approved CTE Career & Technical Student Organization, HOSA, is part of this class. The Arizona Department of Education CTE Medical Record Technologies standards are taught in this course and throughout the Marketing Program.

### Medical Record Technologies II

**Course Code: MRT200**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Medical Record Technologies I

**Fee:** \$30

**Offered at:** EHS

It is imperative that medical records professionals understand the anatomical, physiological and pathological terms used in patient files and related records. Students will use codes and classifications for medical procedures and medical diagnoses and guidelines for use in medical records. Students also learn HIPAA (Health Insurance Portability and Accountability Act) guidelines and how they relate to the preparation of medical records. Participation in the state-approved CTE Career & Technical Student Organization, HOSA, is part of this class.

### Medical Record Internship

**Course Code: MRT400**

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Medical Record Technologies II

**Fee:** \$30

**Offered at:** EHS

This course is a year-long course devoted to the application of the technical skills gained through the Medical Record Technologies program. Students will participate in a paid or unpaid internship to practice and improve their skills in the medical record industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours for one credit. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Participation in the state-approved CTE Career & Technical Student Organization, HOSA, is part of this class.

### Sports Medicine I

**Course Code: SPM100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Required to be concurrently or have taken Biology

**Fee:** \$30

**Offered at:** QCHS/ EHS

May be offered for dual enrollment credit

Sports Medicine is designed for students interested in fields such as athletic training, physical therapy, medicine, fitness, physiology of exercise, kinesiology, nutrition, and other sports medicine related fields. They will also develop skills related to the communication, problem solving, legal, and ethical aspects of health care. In addition, students will study the basic principles of human biology, health and wellness, first aid, and CPR. Through hands on activities, the students will be able to experience simulated "on the job training" for specific medical - related skills such as: taking vital signs, performing basic medical assessments, and providing basic first aid treatments. Students will participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA). The Arizona Department of Education CTE Sports Medicine and Rehabilitation Services standards are taught in this course and throughout the Sports Medicine Program.

### Sports Medicine II

**Course Code: SPM200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Sports Medicine I (C or better), Biology and Anatomy strongly suggested

**Fee:** \$30

**Offered at:** QCHS/ EHS

Sports Medicine II is a class designed for students with a strong interest in pursuing a health care-related career, especially those in the Sports Medicine related field. The students will expand on and apply the knowledge gained in the Health Occupations/Sports Medicine I class to job specific skills. The curriculum will focus on athletic psychology, anatomy & physiology, nutrition and athletic-related injury treatment & rehabilitation. Students will participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA). Students interested in an internship opportunity through the Athletic Training program are highly encouraged to take Sports Medicine II prior or in conjunction with the Athletic Training/Sports Medicine class.

### **Sports Medicine III: Athletic Training**

**Course Code: SPM300**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Sports Medicine I & II

**Fee:** \$30

**Offered at:** QCHS/EHS

This course is designed to allow students to gain knowledge and exposure in the area of athletic training through lecture, lab, and hands on activities. This class is designed to provide learning through volunteer times and to give hands on opportunities when taken advantage by the student. Knowledge in athletic training deals with anatomy/physiology, signs and symptoms of athletic injuries and basic emergency care/first responder care of basic injuries. Other topics include rehabilitation of injuries and some surgical information, medical terminology, different population's needs, skin conditions, and some illnesses. Students in this course will have designated lab time to learn and practice various bracing methods (i.e. taping, wrapping and proper fitting of braces and immobilizers). Students will be exposed to the athletic training profession, through volunteering with many different sports and rehabilitation opportunities. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA).

### **Health Occupations Internship**

**Course Code: SPM400**

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Sports Medicine I & II, application, and teacher approval OR Medical Professions I & II, application and teacher approval

**Fee:** \$30

**Offered at:** QCHS/EHS

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

The Health Occupations internship is an unpaid, yearlong course designed to give students a chance to experience a variety of healthcare work settings. Students will complete weekly rotations at each healthcare site and will be required to complete a minimum of 120 hours. Participation is expected to average between 2 and 3 days a week. When the student is not at an off-campus site, he or she will be required to attend class and complete given assignments related to each site. The student must provide their own transportation to and from each site. Parent permission is required along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA).

## **Science, Technology, Engineering, Mathematics (STEM)**

### **Agriscience I: Applied Biological Systems**

**Course Code: AGS100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** None

**Fee:** \$30

**Offered at:** QCHS

ABS introduces students to a hands-on laboratory environment designed for those who are interested in agricultural science, plant science, agricultural careers and Animal science. Students will learn the principles of animal growth and production, principles of nutrition and animal health needs. Membership in the state-approved CTE Career & Technical Student Organization, FFA, is included as part of this class as well as a supervised agricultural experience.

### **Agriscience II: Plant Science**

**Course Code: AGS200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Agriscience I

**Fee:** \$30

**Offered at:** QCHS

The course will address the study of Plant Science in the area of plant nutrition, plant growth, and development, soils, propagation, diseases, biotechnology, agricultural production, and greenhouse operation. All students enrolled in an Agricultural class be concurrently enrolled in the National FFA Organization, and will have opportunities for additional leadership and agricultural internship both the through the state-approved CTE Career and Technical Student Organization, FFA, as well as a supervised agricultural experience. (SAE) Students who have successfully completed Agriscience I and II may be eligible for a science credit. Please work with your counselor.

**Agriscience III: Animal Science****Course Code: AGS300****Grade Level:** 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Agriscience I & II**Fee:** \$30**Offered at:** QCHS

This course will prepare students for careers in Animal Science in the areas of livestock selection, animal nutrition, animal health & care, genetics, facilities management, and animal/human relations. All students enrolled in an Agricultural class will be concurrently enrolled in the National FFA Organization, and will have opportunities for additional leadership and agricultural internship both through the state-approved CTE Career & Technical Student Organization, FFA, as well as a supervised agricultural experience (SAE).

**Agriscience IV: Business Management (beginning 2022-2023)****Course Code: AGS350****Grade Level:** 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Successful Completion of three Agriscience courses & application approval**Fee:** \$30**Offered at:** QCHS

Students will learn the basics of agricultural business management. Topics include entrepreneurship, profit-maximizing principles, salesmanship, taxes and leadership in the workplace. A project will be required of all students. Students will complete a capstone project for the SAE. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success.

**Agriscience Internship****Course Code: AGS400****Grade Level:** 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Successful completion of three Agriscience classes and teacher approval**Fee:** \$30**Offered at:** QCHS

This course is a year-long course devoted to the application of the technical skills gained through the Agriculture program. Students will participate in a paid or unpaid internship on or off campus to practice and improve their skills in the agriculture industry, including greenhouse operations. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. If the internship site is off campus, each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, FFA. Students have the opportunity to earn one credit based on 120 internship hours.

**Engineering I: Engineering Essentials- PLTW****Course Code: EGN100****Grade Level:** 9, 10, 11**Length of Course:** 1 Year**1 Credit-Weighted****Prerequisite:** Algebra I (B or higher)**Fee:** \$30**Offered at:** QCHS/EHS

Engineering Essentials offers a multidisciplinary approach to teaching and learning foundational concepts of engineering practice, providing students opportunities to explore the breadth of engineering career opportunities and experiences and solve engaging and challenging real-world problems. By inspiring and empowering students with an understanding of engineering and career opportunities, Engineering Essentials broadens participation in engineering education and the engineering profession.

**Engineering II: Introduction to Engineering Design-PLTW****Course Code: EGN200****Grade Level:** 10, 11, 12**Length of Course:** 1 Year**1 Credit-Weighted****Prerequisite:** Engineering I (C or better)**Fee:** \$30**Offered at:** QCHS/EHS

In this Project Lead The Way course students will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Students will work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work. Students will be able to participate in the state-approved CTE Career & Technical student organization, SkillsUSA Mobile Robotics as part of the curriculum and class. Students have the opportunity to participate in the VEX Robotics Competition (VRC) as an application of what they learn in class. Students are encouraged to join the Robotics Club. The Arizona Department of Education CTE Engineering Sciences standards are taught in this course and throughout the Engineering Program.

**Engineering III: Principles of Engineering-PLTW****Course Code: EGN300****Grade Level:** 11, 12**Length of Course:** 1 Year**1 Credit-Weighted**

**Prerequisite:** Engineering I & II (C or better)

**Fee:** \$30

**Offered at:** QCHS/ EHS

In this Project Lead The Way course students, through problems that engage and challenge, students will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students will develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Students will be able to participate in the state-approved CTE Career & Technical student organization, SkillsUSA Mobile Robotics as part of the curriculum and class. Students have the opportunity to participate in the VEX Robotics Competition (VRC) as an application of what they learn in class. Students are encouraged to join the Robotics Club. The Arizona Department of Education CTE Engineering Sciences standards are taught in this course and throughout the Engineering Program.

### **Engineering Internship**

**Course Code: EGN400**

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Engineering I, II & III and teacher approval

**Fee:** \$30

**Offered at:** QCHS/EHS

This course is a year-long course devoted to the application of the technical skills gained through the Engineering Sciences program. Students will participate in a paid or unpaid internship to practice and improve their skills in the Engineering Industry. Appropriate internship placement assistance will be provided by the program teacher. All students are required to comply with all industry and placement specific regulations. Each student must provide his or her own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students have the opportunity to earn 1 credit for 120 internship hours.

### **Computer Science I: Computer Science Essentials**

**Course Code: CSC100**

**Grade Level:** 9, 10, 11

**Length of Course:** 1 Year

**1 Credit-Weighted**

**Fee:** \$30

**Offered at:** QCHS/EHS

Project Lead The Way Computer Science Essentials will expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. Students will apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

### **Computer Science II: AP Computer Science Principles**

**Course Code: CSC200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

**1 Credit-Weighted**

**Prerequisite:** Computer Science I

**Fee:** \$30

**Offered at:** QCHS/ EHS

Project Lead The Way Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA. Students are required to take the AP exam in the Spring.

### **Computer Science III: AP Computer Science A**

**Course Code: CSC300**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

**1 Credit-Weighted**

**Prerequisite:** Computer Science I & II

**Fee:** \$30

**Offered at:** QCHS/ EHS

Project Lead The Way Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA. Students are required to take the AP exam in the Spring.

### **Computer Science Internship**

**Course Code: CSC400**

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Computer Science I,II, III

**Fee:** \$30

**Offered at: QCHS/ EHS**

This course is a year-long course devoted to the application of the technical skills gained through the Computer Science program. Students will participate in a paid or unpaid internship to practice and improve their skills in the Technology Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours total. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

**Computer Diagnostic & Repair I:****Course Code: CMP100****Grade Level:** 9, 10, 11**Length of Course:** 1 Year**1 Credit-****Weighted****Prerequisite:** None**Fee:** \$30**Offered at:** EHS

Students will learn hands-on technical aspects of the microcomputer, including system setup (hardware and software) and troubleshooting with use of tools, hardware components and hardware/software interfacing. Install, configure, upgrade, optimize and perform preventive maintenance with respect to security using appropriate tools, diagnostic procedures and troubleshooting techniques. Course helps students prepare for the CompTIA A+ certification to establish the foundation of an entry level IT professional. Computer experience highly recommended. Students will have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

**Computer Diagnostic & Repair II****Course Code: CMP200****Grade Level:** 10, 11, 12**Length of Course:** 1 Year**1 Credit-Weighted****Prerequisite:** Computer Maintenance I**Fee:** \$30**Offered at:** EHS

Students will apply skills learned from previous coursework in Computer Maintenance I to install, support, maintain, and upgrade computer/electronic devices. Students will work with Information Systems staff to support local technologies on our campus. This will include but is not limited to locating, quarantining, and removing specific viruses, diagnosing hardware problems, supporting printer installations and repairs, and troubleshooting technology issues. Upon successful completion of this course, students will be prepared to pass the CompTIA A+ Certification. Students will have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

**Computer Diagnostic & Repair Internship****Course Code: CMP400****Grade Level:** 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Computer Maintenance I & II**Fee:** \$30**Offered at:** EHS

This course is a year-long course devoted to the application of the technical skills gained through the Computer Maintenance program. Students will participate in a paid or unpaid internship to practice and improve their skills in the Technology Industry. Appropriate internship placement assistance will be provided by the program teacher. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours total. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

**Computer Networking Security I****Course Code: CNT100****Grade Level:** 9, 10, 11**Length of Course:** 1 Year**1 Credit-Weighted****Prerequisite:****Fee:** \$30**Offered at:** EHS

This course is designed to provide students with classroom and laboratory experience in current and emerging networking technology. Students will learn to design, build, and maintain small to medium size networks. Instruction includes safety, networking, network terminology and protocols, local-area networks, Open System Interconnection models, cabling, cabling tools, routers, router programming, Ethernet, Internet Protocol addressing, and network standards. Particular emphasis is given to the use of decision-making and problem solving techniques in applying science, mathematics, communication, and social studies concepts to solve networking problems. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

**Computer Networking Security I II****Course Code: CNT200****Grade Level:** 10, 11, 12**Length of Course:** 1 Year**1 Credit-Weighted**

**Prerequisite:** Computer Networking I

**Fee:** \$30

**Offered at:** EHS

Students will continue to develop their skills in design and troubleshoot complex network systems for home or small offices. This course will dive into in depth coverage of cybersecurity concepts and techniques needed to help meet the growing demand for entry-level IT professionals. Students will demonstrate their ability to analyze cyber threats by using networking devices, simulation tools, software, and competitions. These courses prepare students to obtain a wide variety of industry recognized IT certifications. Learn the skills you need to work in this exciting and growing field. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

### Computer Networking Security I Internship

**Course Code:** CNT400

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** Computer Networking I & II

**Fee:** \$30

**Offered at:** EHS

This course is a year-long course devoted to the application of the technical skills gained through the Computer Networking program. Students will participate in a paid or unpaid internship to practice and improve their skills in the Technology Industry. Appropriate internship placement assistance will be provided by the Internship coordinator. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 120 hours to receive one credit. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

## ARMY JROTC

The QCUSD High School Junior Officer Training Corps (JROTC) program that emphasizes citizenship and leadership. The JROTC Mission Statement is "To motivate young people to be better citizens." It is designed to teach high school students the value of citizenship, leadership, service to the community, personal responsibility, living a healthy lifestyle, and sense of accomplishment. Army JROTC develops student's self-esteem, teamwork and discipline. The program is a stimulus for promoting graduation from high school and provides instruction and rewarding opportunities that benefit the student, community, and nation.

#### JROTC Core Abilities

- Apply critical thinking techniques
- Build your capacity for life-long learning
- Communicate using verbal, non-verbal, visual, and written techniques
- Do your share as a good citizen in your school, community, country, and the world
- Take responsibility for your actions and choices
- Treat self and others with respect

Each Leadership and Education Training (LET) year is taught sequentially (starting with LET 1 and progressing through LET 4). The curriculum also includes a number of additional activities unique to the JROTC cadets such as the Drill Team, the Color Guard Team, the Marksmanship Team and the Raider Team along with associated competitive events and meetings. There is also the opportunity to attend a one-week summer camp and a weekend leadership training events that stresses adventure type training and leadership skills training. There will be a mandatory military ball scheduled each year.

The following applies to all Army JROTC LET classes: The JROTC curriculum, which fully or partially addresses a number of national academic standards - to include Arizona Academic State Standards - includes course work on leadership, civics, geography and global awareness, health, and wellness, language arts, life skills, and U.S. history. The curriculum is based on the principles of performance-based, learner-centered education and promotes development of core abilities: capacity for life-long learning, communication, responsibility for actions and choices, good citizenship, respectful treatment of others, and critical thinking techniques. There are classroom uniform requirements and JROTC events that will be scheduled throughout the year that a program requirement.

### JROTC Leadership and Education Training (LET I)

**Course Code:** AJR100

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

**Length of Course:** 1 Year

**1 Credit**

**Fee:** \$30

**Offered at:** QCHS/ EHS

*Dual Enrollment credit may be offered for this course. Please see instructor*

LET I "The Emerging Leader" is the first of four courses in the Army JROTC high school program. The knowledge, skills, and abilities you will acquire as a LET I are covered in six chapters: JROTC foundations, Personal Growth and Behaviors, Team Building, Decision Making, Health and Fitness, and Service Learning. The course includes introduction to leadership theory and application, foundations for success, communication/study skills, citizenship, military customs and courtesies, physical training, drill, and the history and objective of JROTC. Cadets gain an understanding of their rights, responsibilities (including respect for

constituted authority), privileges and freedoms that underlie good citizenship. They must demonstrate the ability to think logically and communicate effectively, with emphasis on effective oral communication and participate in a service learning activity. The program stresses physical fitness in maintaining good health and appearance. LET I cadets can participate in JROTC extra-curricular activities and competitive teams.

### JROTC Leadership and Education Training (LET II)

Course Code: AJR200

<b>Grade Level:</b> 10, 11, 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
<b>Prerequisite:</b> JROTC Leadership and Education Training (LET I)		
<b>Fee:</b> \$30		
<b>Offered at:</b> QCHS/ EHS		
<i>The Physical Education requirement for graduation will be satisfied upon completion of LET I and LET II.</i>		
<i>Dual enrollment credit may be offered for this course. Please see instructor.</i>		

LET II "The Developing Leader" is the second of four courses in the Army JROTC high school program. This course will build on and apply the leadership and communication skills that students learned during their LET I year. The knowledge, skills, and abilities you will acquire as a LET II are covered in eight chapters: Leadership, Personal Growth and Behaviors, Team Building, First Aid, Decision Making, Health and Fitness, Service Learning, and Citizenship and Government. The course includes elements of leadership (leadership competencies and attributes), improving written and oral communication, ethical decision making, team building, first aid for common injuries, rights of citizens and evaluating service learning projects. The program continues to stress physical fitness in maintaining good health and appearance. Students will be able to demonstrate leadership principles with an emphasis on squad, platoon and company level positions. LET II students will begin to assume leadership roles within the program to solidify the leadership concepts they are learning. LET II cadets can participate in JROTC extra-curricular activities and competitive teams.

### JROTC Leadership and Education Training (LET III)

Course Code: AJR300

<b>Grade Level:</b> 11, 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
<b>Prerequisite:</b> JROTC Leadership and Education Training (LET II)		
<b>Fee:</b> \$30		
<b>Offered at:</b> QCHS/ EHS		
<i>Dual Enrollment credit may be offered for this course. Please see instructor</i>		

LET III "The Supervising Leader" is the third of four courses in the Army JROTC high school program. This course will build on and apply the leadership and communication skills that students learned during their LET II year. The knowledge, skills, and abilities you will acquire as a LET III are covered in seven chapters: Leadership, Personal Growth and Behaviors, Team Building, Decision Making, Health and Fitness, Service Learning, and Citizenship and Government. The course includes advanced leadership (command and staff roles), continuous improvement, leading meetings, supervising others, personal planning and post-secondary action plans, platoon drills, negotiating with others, preventing substance abuse, planning service learning projects, and civic duties and responsibilities. The program continues to stress physical fitness in maintaining good health and appearance. Students will be able to demonstrate leadership principles with an emphasis on company and battalion level positions. LET III students will assume leadership roles within the program to solidify the leadership concepts they are learning. LET III cadets can participate in JROTC extra-curricular activities and competitive teams.

### JROTC Leadership and Education Training (LET IV)

Course Code: AJR400

<b>Grade Level:</b> 11, 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
<b>Prerequisite:</b> JROTC Leadership and Education Training III		
<b>Fee:</b> \$30		
<b>Offered at:</b> QCHS/ EHS		
<i>Dual Enrollment credit may be offered for this course. Please see instructor</i>		

LET IV "The Managing leader" is the fourth of four courses in the Army JROTC high school program. This course will build on and apply the leadership and communication skills that students learned during their LET III year. The knowledge, skills, and abilities you will acquire as a LET IV are covered in five chapters: Leadership, Personal Growth and Behaviors, Team Building, Service Learning, and Citizenship and Government. The course includes advanced leadership and management concepts, leading continuous improvement initiatives, leading meetings, personal planning and life after high school plans, company and battalion drills, motivating others, managing service learning projects, and citizen rights. The program continues to stress physical fitness in maintaining good health and appearance. Students will be able to demonstrate leadership principles with an emphasis on battalion level positions. LET IV students will assume leadership roles within the program to solidify the leadership concepts they are learning. LET IV cadets will lead JROTC extra-curricular activities and competitive teams. LET IV students will assist the JROTC instructors with developing standard operating procedures, training calendars, and participate in JROTC Program Accreditation visits and inspections.

### JROTC Drill/Special Teams

Course Code: AJR500

<b>Grade Level:</b> 11, 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
<b>Prerequisite:</b> Concurrent enrollment in I, III, IV		
<b>Fee:</b> \$30		
<b>Offered at:</b> QCHS/ EHS		



All cadets on JROTC Special Teams will be required to practice with their assigned team. Participating students may be eligible to earn a varsity letter. Students on special teams must also be registered at [Register My Athlete Website](#), complete the online concussion training at <http://www.aiaacademy.org/users/login>, have a complete and current sports physical (only for Raiders Team), and achieve a 2.0 GPA or higher in all of their classes at progress report and quarterly grades. QCHS JROTC will have four special teams: Drill Team, Color Guard Team, Marksmanship Team and Raider Team. The purpose of JROTC special teams is to provide an opportunity for cadets to excel in demanding competitions throughout Arizona and to strengthen their teamwork, physical fitness, discipline, coordination, self-confidence and self-esteem.

## Advancement Via Individual Determination (AVID)

Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college and career readiness and success. It is scheduled during the regular school day as a year-long course. Each week, students receive instruction that utilizes a rigorous college/ career preparatory curriculum, tutor-facilitated study groups, motivational activities, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization, and reading to support their academic growth. Additionally, students engage in activities centered around exploring college and career opportunities as well as transferable skills that can be used in all facets of life.

### AVID 9

Course Code: AVD100

**Grade Level:** 9

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** 1 Elective Selection and Application Process Required

The 9<sup>th</sup> grade AVID Elective course will explore the AVID philosophy and strategies. Students will work on academic and personal goals and communication, adjusting to the high school setting. Students will increase their awareness of their personal contributions to their learning as well as their involvement in their school and community. There is an emphasis on analytical writing, focusing on personal goals and thesis writing. Students will work in collaborative settings, learning how to participate in collegial discussions and use sources to support their ideas and opinions. Students will prepare for and participate in college entrance and placement exams while refining study skills and test-taking, note-taking, and research techniques. They will take an active role in field trips and guest- speaker preparations and presentations. Their college research will include financial topics and building their knowledge. Students will also participate in college-preparatory testing and build connections with the high school they will attend.

### AVID 10

Course Code: AVD200

**Grade Level:** 10

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** AVID 9 or Selection and Application Process Required

During the 10<sup>th</sup> grade AVID Elective course, students will refine the AVID strategies to meet their independent needs and learning styles. Students will continue to refine and adjust their academic learning plans and goals, increasing awareness of their actions and behaviors. As students increase their rigorous course load and school/ community involvement, they will refine their time-management and study skills accordingly. Students will expand their writing portfolio to include analyzing prompts, supporting arguments and claims, character analysis, and collaborative discussions and develop leadership skills in those settings. Students will expand their vocabulary use, continuing to prepare for college entrance exams. Text analysis will focus on specific strategies to understand complex texts. Lastly, students will narrow down their colleges and careers of interest based on their personal interests and goals.

### AVID 11

Course Code: AVD300

**Grade Level:** 11

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** AVID 10 or Selection and Application Process Required

The 11<sup>th</sup> grade AVID Elective course is the first part in a junior/ senior seminar course that focuses on writing and critical thinking expected of first- and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies, and tasks that should be undertaken during the junior year to support students when they apply to four-year universities and confirm postsecondary plans.

### AVID 12

Course Code: AVD400

**Grade Level:** 12

**Length of Course:** 1 Year

**1 Credit**

**Prerequisite:** AVID 10 or Selection and Application Process Required

The 12<sup>th</sup> grade AVID Elective course is the second part in a junior/ senior seminar course that focuses on the writing and critical thinking expected of first- and second-year college students. Students will complete a final research essay project with research skills gained in their junior year in AVID. In addition to the academic focus of the AVID senior seminar, there are college-bound activities, methodologies, and task that should be archived during the senior year that support students as they apply to four-year universities and confirm their postsecondary plans. All AVID seniors are required to develop and present a portfolio representing their years of work in the AVID program, as well as complete the requirements for the seminar course.

# English

Pathway	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Standard	English 9	English 10	English 11	English 12
Honors	Honors English 9	Honors English 10	AP Language and Composition OR Honors English 11	AP Literature and Composition OR Honors English 12

## English 9

Course Code: ENG100

Grade Level: 9	Length of Course: 1 Year	1 Credit
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Major areas of study include the introduction of different genres of writing including persuasive, analysis, narrative, functional text, and students guided research with an emphasis on format. Students are expected to read fluently at a 9<sup>th</sup> grade level including: acquire and use new vocabulary, employ comprehension strategies, recognize, identify, analyze, and apply knowledge of the structures, historical and cultural aspects, and purposes of literature, expository text, persuasive text and functional text. Additionally, students will participate in public speaking by planning, organizing, developing, producing, and evaluating multimedia presentations.

## Honors English 9

Course Code: ENG110

Grade Level: 9	Length of Course: 1 Year	1 Credit - Weighted
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This course is designed to prepare students for Advanced Placement or Dual Enrollment courses. Literature selections will be representative of ancient and modern world cultures. Students will improve their critical thinking skills as they comprehend the diversity and influences of literary traditions. Oral discussions and written compositions will be an integral part of the course. Writing processes necessary to produce persuasive, critical, and creative multi-paragraph essays and compositions will be emphasized.

## English 10

Course Code: ENG200

Grade Level: 10	Length of Course: 1 Year	1 Credit
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Major areas of study include fine-tuning of writing in publication quality, emphasizing coherence, ideas and content development, word choice, conventions, voice and organization. Students will demonstrate an understanding of the basic forms of writing as well as the writing process. In alignment with the writing, students will demonstrate comprehension skills at a tenth grade level, as well as the skills of effective group/individual formal and informal presentations. Various themes, cultural dynamics and literary analysis will be studied in all genres (short stories, novel, poetry and drama) with an emphasis on literary format and devices utilized to create fiction and non-fiction. Vocabulary development will focus on both the written and reading language.

## Honors English 10

Course Code: ENG210

Grade Level: 10	Length of Course: 1 Year	1 Credit - Weighted
Prerequisite: English 9 or Honors English 9		

This course is designed to prepare students for Advanced Placement or Dual Enrollment courses. The course builds upon the foundations established in Pre-AP English 9 including the expansion and development of skills in critical literacy, vocabulary development, writing about literature, and recognition and use of literary elements. Literature selections will be representative of cross cultural themes from several viewpoints and genres. Oral discussions and written compositions will be an integral part of the course. Reinforcing the logic and critical thinking skills that accompany good writing, this course provides advanced instruction in writing for a variety of purposes and audiences.

## English 11

Course Code: ENG300

Grade Level: 11	Length of Course: 1 Year	1 Credit
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Major areas of study include multiple forms of discourse, which focus on the refinement of writing through the preparation of descriptive, compare/contrast and persuasive documents. In addition, there will be a focus on the novel, short stories and poetry with emphasis on the critical analysis of the various genres of literature. Emphasis is also placed on oral assignments and communication. Content will cover the writings of American authors from the colonial period to modern day.

## Honors English 11

Course Code: ENG310

Grade Level: 11

Length of Course: 1 Year

1 Credit- Weighted

**Prerequisite:** English 10, Honors English 10 AND/OR a passing score on the Accuplacer Reading Placement test.

Dual enrollment credit may be offered for this course. Please see instructor

Honors English 11 is a college level course incorporating the curriculum of Honors English 11 and two college courses, English-Humanities (ENH) 110 and English-Humanities (ENH) 113. Honors English 11 is a study of American literary works from Early Native American Literature to present day with an emphasis on the critical analysis of the written genre. ENH 110, the first half of a two semester sequence, provides a global overview of literature with special emphasis on diverse cultural contributions through various forms of literary expression such as poetry, drama, essay, novel, short story, and film. ENH 113, the second half of a two-semester sequence, examines perspectives of contemporary writers/directors representing a variety of cultures throughout the world focusing on the critical analysis of current issues. This course places a strong demand upon written and oral presentation/communication in addition to research. Students have the option to take this course for College Credit through the Dual Enrollment Program offered through Chandler-Gilbert Community College. Students are only required to pay for the course if they want the college credit, but will be responsible for all the work, including the ENH 110 and ENH 113 assignments. Enrolling for this course for college credit will impact college transcripts.

## AP Language and Composition

Course Code: ENG320

Grade Level: 11

Length of Course: 1 Year

1 Credit- Weighted

**Prerequisite:** English 10, Honors English 10

**Fee:** \$50

Dual enrollment credit may be offered for this course. Please see instructor

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Language and Composition courses expose students to prose written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the interaction of authorial purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes. What to expect: Students will be required to take the Advanced Placement test at the end of the school year.

## English 12

Course Code: ENG400

Grade Level: 12

Length of Course: 1 Year

1 Credit

Major areas of study include multiple forms of discourse, which focus on the refinement of writing through the preparation of varying types of writing including comparison/contrast, evaluation, and research. In addition, there will be a focus on the novel, short stories and poetry with emphasis on the critical analysis of the various types of literature. Emphasis is also placed on oral assignments and communication. Content will cover the writings of British and world authors over an extended time period.

## Honors English 12

Course Code: ENG410

Grade Level: 12

Length of Course: 1 Year

1 Credit-Weighted

**Prerequisite:** English 11, Honors English 11 AND a passing score on the Accuplacer Writing Placement test and Accuplacer College Reading test.

Dual enrollment credit may be offered for this course. Please see instructor

This course incorporates the curriculum of Honors English 12, English 101 (college level), and English 102 (college level). Honors English 12 is a study of British literary works from the Anglo-Saxon time period to present day and a brief study of world literary works. English 101 is the first half of a two-semester sequence. This course on rhetoric and composition emphasizes establishing effective college-level expository writing strategies. English 102 is the second half of a two-semester sequence. This course on rhetoric and composition emphasizes further development of effective college-level writing strategies, including research-based writing. Students have the option to take this course for College Credit through the Dual Enrollment Program offered through Chandler-Gilbert Community College. Students are only required to pay for the course if they want the college credit, but will be responsible for all the work, including the ENG101 and ENG 102 assignments. Enrolling in this course for college credit will impact college transcripts.

## AP Literature and Composition

Course Code: ENG420

Grade Level: 12

Length of Course: 1 Year

1 Credit-Weighted

**Fee:** \$50

Dual enrollment credit may be offered for this course. Please see instructor

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing. What to expect: Students will be required to take the Advanced Placement test at the end of the school year. Depending on the teacher assigned to the class, students may have the option of taking this class for Dual Enrollment Credit for English 101 and 102. CGCC Course Descriptions: English 101: The first half of a two-semester sequence, this course on rhetoric and composition emphasizes establishing effective college-level expository writing strategies. English 102: The second half of a two-semester sequence, this course on rhetoric and composition emphasizes further development of effective college level writing strategies, including research-based writing. : Students will be required to take the Advanced Placement test at the end of the school year.

## Fine Arts

### Marching Band and Color Guard

**Course Code: BND100**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Semester/Fall Only	<b>½ Credit</b>
<b>Prerequisite:</b> Must have some experience in playing a musical instrument.		
<b>Fee:</b> \$100		
<b>School Instrument Rental Fee:</b> \$50.00		
<i>This course, if taken for 4 semesters, will satisfy the one Physical Education credit required for graduation.</i>		
<i>This course may be repeated for credit but not for grade change.</i>		

The main emphasis of this course will be learning how to move in a synchronized manner with music. Students will also work on improving intonation, blend, balance, dynamics, articulation, phrasing, and working as a team. The Marching Band performs at athletic events, parades, assemblies and Marching Band festivals throughout the fall semester. Extensive after-school, evening, and weekend commitments will be expected.

### Percussion

**Course Code: BND180**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 year	<b>1 Credit</b>
<b>Prerequisite:</b> Must have some experience playing a musical instrument. Must be concurrently enrolled in marching band in fall semester		
<b>Fee:</b> \$20		
<b>School Instrument Rental Fee:</b> \$50.00		
<i>This course may be repeated for credit but not for grade change.</i>		

Open to all band students with prior band experience. Percussion is a performance ensemble for the developing band student. This class will concentrate on developing basic playing skills such as tone production, rhythmic proficiency, and technical ability. This course will include participation in local concerts and festivals. Appropriate performance attire is required.

### Symphonic Winds

**Course Code: BND130**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
<b>Prerequisite:</b> Must be concurrently enrolled in Marching Band in the fall semester.		
<b>Fee:</b> \$20		
<b>School Instrument Rental Fee:</b> \$50.00		
<i>This course may be repeated for credit but not for grade change.</i>		

Open to all band students with prior band experience. Symphonic Winds is a performance ensemble for the developing band student. This class will concentrate on developing basic playing skills such as tone production, rhythmic proficiency, intonation, and technical ability. This course will include participation in local concerts and festivals. Appropriate performance attire is required.

### Chamber Wind Ensemble

**Course Code: BND120**

<b>Grade Level:</b> 10, 11, 12	<b>Length of Course:</b> 1 year	<b>1 Credit</b>
<b>Prerequisite:</b> Must pass audition for Director. Must be concurrently enrolled in Marching Band in the fall semester.		
<b>Fee:</b> \$20		
<b>School Instrument Rental Fee:</b> \$50.00		
<i>This course may be repeated for credit but not for grade change.</i>		

This course is intended for accomplished and advanced musicians. This ensemble will concentrate on studying standard wind ensemble repertoire as well as new works. Students will develop an understanding of music performance, culture and history while rehearsing and performing. This course will include participation in local concerts and festivals. Appropriate performance attire is required.

### Jazz Band

**Course Code: BND150**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 semester/spring semester	<b>½ Credit</b>
<b>Prerequisite:</b> Must pass audition for Director. Must be concurrently enrolled in either symphonic winds, chamber winds, or percussion		
<b>Fee:</b> \$30		
<b>School Instrument Rental Fee:</b> \$50.00		
<i>This course may be repeated for credit but not for grade change.</i>		

This course is designed for more advanced musicians. This group will study and perform various genres of jazz such as; blues, rock, and standard jazz band music. Attendance at rehearsals and performances outside the school may be required. Appropriate performance attire is required.

**Jazz Band & Improvisation****Course Code: BND155****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 semester/spring semester**½ Credit****Prerequisite:** Must pass audition for Director.**Fee:** \$50**School Instrument Rental Fee:** \$50.00*This course may be repeated for credit but not for grade change.*

This course is designed for more advanced musicians. This group will study and perform various genres of jazz such as; blues, rock, and standard jazz band music in the jazz combo setting. Students will build an advanced understanding of Jazz Improvisation and aesthetic Jazz practices. Attendance of rehearsals and performances outside the school may be required. Appropriate performance is required.

**Women's Vocal Ensemble****Course Code: CHR100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Fee:** \$20*This course may be repeated for credit but not for grade change.*

This ensemble is for any beginning or intermediate level female singers. Students will learn basic vocal technique, music reading skills, choreography and performance techniques through the study and performance of various genres of choral music. Attendance at all concerts and festivals will be mandatory.

**Chorale****Course Code: CHR110****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Audition or recommendation of director.**Fee:** \$20*This course may be repeated for credit but not for grade change.*

This ensemble is for any beginning to advanced male singers and advanced female singers. Students will learn vocal technique, music reading skills, choreography and performance techniques through the study and performance of various genres of choral music. Attendance at all concerts and festivals will be mandatory.

**Symphonic Orchestra****Course Code: ORC115****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Instructor Approval Only**Fee:** \$20**School Instrument Rental Fee:** \$50.00*This course may be repeated for credit but not for grade change.*

Symphonic Orchestra focuses on the development of advanced string techniques. A variety of musical styles will be studied and performed throughout the year. This course is a preparation for Chamber Orchestra. Attendance and participation in class, rehearsals, and performances will be required. Placement is by teacher approval/audition only.

**Chamber Orchestra****Course Code: ORC120****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Audition only**Fee:** \$20**School Instrument Rental Fee:** \$50.00

This course is the advanced string orchestra experience. This class will focus on literature from all periods: Baroque, Classical, Romantic and Contemporary. It involves rigorous practice and performance participation. The Orchestra may be expected to perform at school and community functions. Students participate in a college-prep curriculum for music performance and theory. Course also covers some music theory and composition. Appropriate performance attire is required. Placement is by teacher audition only.

**Sinfonietta Orchestra****Course Code: ORC125****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Audition only**Fee:** \$30**School Instrument Rental Fee:** \$50.00

This course is the advanced string orchestra experience. This class will focus on literature from all periods: Baroque, Classical, Romantic and Contemporary. It involves rigorous practice and preparation for performance. This honors course involves college preparatory level literature and performance. The course covers college audition requirements (major, minor and non-major). College preparatory music history and theory will also be covered in this course, and vary from year to year. The Orchestra will be expected to perform at school and community functions. Involvement includes occasional practices before and after school. Attendance and participation in class, rehearsals, and performances will be mandatory. Placement is by teacher audition only.

**Piano I****Course Code: PIA100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:****Fee:** \$20

This course is for students who would like to learn basic piano and music reading skills. This course is designed for students with limited or no experience playing the piano.

**Piano II****Course Code: PIA200****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Piano I or Audition**Fee:** \$20

This course is designed to be a continuation of Piano Lab I. Piano Lab II is for students who have successfully completed Piano Lab I, or students who have a substantial background playing the piano.

**Piano Independent Study****Course Code: PIA400****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Piano II or Audition**Fee:** \$20

This course is designed for students who have already mastered the skills covered in Piano I and Piano II. Students will be given independent assignments to continue learning about new concepts in piano music such as chord inversions, sixteenth notes, minor keys, the circle of 5<sup>th</sup>, cadences, flat key signatures, and the three forms of the minor scale.

**Guitar I****Course Code: GUI100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Fee:** \$20**School Instrument Rental Fee:** \$50.00*Students need to supply their own 6 string acoustic guitar.*

Guitar courses introduce students to the fundamentals of music and guitar-playing techniques, such as strumming and chords. These courses may also include more advanced guitar-playing techniques. This course is designed for beginning students and will develop basic instrumental skills on the guitar, including music reading (standard notation), scales, chords, tablature notation, method exercises, and rhythm and tone production.

**Guitar II****Course Code: GUI200****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Successful completion of Guitar I or instructor approval. Students must be able to read music.**Fee:** \$20**School Instrument Rental Fee:** \$50.00*Students need to provide their own 6 string acoustic guitar.*

Guitar courses introduce students to the fundamentals of music and guitar-playing techniques, such as strumming and chords. These courses may also include more advanced guitar-playing techniques. This class is orientated more toward students that have had some prior music experience. Focus will be on advanced music reading, exploring chord patterns and strumming techniques. Ensemble participation is an integral part of the class. Students will also have opportunities to perform in small groups and large ensembles.

**Advanced Guitar/ Independent Study****Course Code: GUI400****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Successful completion of Guitar I or instructor approval. Students must be able to read music.**Fee:** \$20**School Instrument Rental Fee:** \$50.00*Students need to provide their own 6 string acoustic guitar.*

In Advanced Guitar/Independent Study, students will refine and further their skills in classical technique, as well as the exploration and implementation of jazz, rock, flamenco, and other styles of guitar playing. Students will also perform ensemble music and work on individual solos. The college audition portion of the lead guitar curriculum will be addressed and focused on for interested students. Course will require performances and master classes outside of the school day.

**Introduction to Music Theory & Aural Perception****Course Code: MUS200****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 year**1 Credit-Weighted****Fee:** \$50*College Credit may be offered for this course*

This course is designed to develop both written and aural skills necessary for advanced study of music. The course competencies are a combination of MTC101 (3 credits) and MTC103 (1 credit) through the Maricopa Community Colleges. Currently, only MTC101 is available for dual enrollment credit. The theory concepts covered will include the written musical notation system, scales, intervals, and triads. Aural skills will include musical notation, rhythm, intervals, melodies, and triads. Assessments will include written work such as dictation as well as sight singing.

**AP Music Theory****Course Code: MUS310****Grade Level:** 10, 11, 12**Length of Course:** 1 year**1 Credit-Weighted****Fee:** \$50*College credit may be offered for this course.*

This course is designed for students interested in music composition and basic music theory fundamentals. The course will coincide with the AP Music Theory Curriculum and will be structured along its guidelines. Students will gain an understanding of music notation, harmony, chord structures, part writing, arranging and composition. Students will be required to take the Advanced Placement music theory test at the end of the school year.

**Theatre Arts I****Course Code: THA100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Fee:** \$20

This course will introduce students to all areas of the theatre. Students will experience acting and improvisation, including audition techniques, movement and voice, script writing, theatre history, puppetry, set and costume design. This course is a prerequisite for Theatre Arts II.

**Theatre Arts II****Course Code: THA200****Grade Level:** 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Theatre Arts I*This course may be repeated for credit but not for grade change.***Fee:** \$20

Theatre Arts II expand the student's skills learned in Theatre Arts. The focus of study is theatre history and its various acting styles, voice and dialect, reader's theatre, Foley art, and writing and performing original short plays and scripted scenes in class. In addition, the students will learn to design and prepare for their own in-class performances. This course is a prerequisite for Theatre Arts III.

**Theatre Arts III****Course Code: THA300****Grade Level:** 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Theatre Arts I & II, and/ or Audition Only**Fee:** \$20

Students must audition in the spring of the previous year for enrollment into Theatre Arts III. The focus of this course is putting all techniques learned in the previous classes to practice in technical design, producing and performing in various one acts, scripted and original, as well as exploring scripts from various films. Students will learn to direct, stage manage, and set, costume and design their own productions.

**Theatre Arts IV****Course Code: THA400****Grade Level:** 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Theatre II & III, and/ or Audition Only**Fee:** \$20

Students must audition in the spring of the previous year for enrollment into Theatre Arts III. This course will focus on auditions for professional and college admissions as well as International Thespian requirements. Students will explore the different types of theater and acting at the university and professional level.

**Intro to Art****Course Code: ART100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Fee:** \$20

This beginning survey class will provide students with the foundation for advanced visual art courses. In this course, emphasis will be placed on understanding the Elements of Art and Principles of Design as a basis for composition. Students will explore a variety of artists, art processes and materials such as drawing, painting, two & three-dimensional design. Student artwork will reflect aesthetics & cultural and historical contexts. A journal sketchbook is required.

**Drawing and Painting****Course Code: ART200****Grade Level:** 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Intro to Art**Fee:** \$40

This course is a second-year course that provides an opportunity for students to expand on the drawing and painting concepts introduced in Intro to Art. Emphasis is placed on experiences with design principles, drawing techniques, and painting skills leading to the development of abilities that are necessary for advanced art courses. Students are given more in-depth problems to solve creatively while becoming more adept through a broad exposure to various media that offer opportunities to execute in self-expression. A journal sketchbook is required.

**Advanced Drawing and Painting****Course Code: ART220****Grade Level: 11, 12****Length of Course: 1 Year****1 Credit****Prerequisite: Intro to Art, and Drawing and Painting****Fee: \$40**

This course is an advanced course designed for the student who wishes to further develop skills and techniques that were introduced in previous drawing and painting courses. Students will be continually encouraged to expand their creative ideas as well as their technical potential. This is a desirable course for any student wishing to develop a portfolio for college. Students will practice self-discipline, goal setting, effective attitudes, and active participation to prepare them for success in the visual arts as well as for lifelong learning. Students will also learn about career pathways in the visual arts as well as recognize the impact of new technology as a means to broaden and expand upon their artistic knowledge and skills. Students will analyze visual information, responding to artists' works as well as their own, in written and oral form using critical thinking and philosophical theory to make their judgments. Students will also demonstrate knowledge of the historical timeline of art and its effect on the development of society. A journal sketchbook is required

**Ceramics I****Course Code: ART230****Grade Level: 9, 10, 11, 12****Length of Course: 1 Year****1 Credit****Fee: \$40**

This class is designed for students who have an interest in working with clay, and gives students experiences in making functional as well as sculptural pieces using a variety of techniques. Students will learn the basic hand building techniques using the pinch pot, coil, and slab methods. This course will emphasize the elements and principles of the 3 dimensional forms. In the second semester, students will continue using the hand building techniques (slab, pinch and coil). In addition, students will learn basic wheel throwing techniques.

**Ceramics II****Course Code: ART240****Grade Level: 10, 11, 12****Length of Course: 1 Year****1 Credit****Prerequisite: 1 credit of Ceramics I****Fee: \$40**

This class will provide an advanced level of enrichment in creative expression and skills refinement using a variety of clay techniques. These techniques include coil, slab, sculptural, wheel thrown, and glazing. The principles and elements of art will be emphasized. This class is designed as an "open studio" environment. Students will refer to the list of required projects and work at their own pace.



# Mathematics

Pathway	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Standard	Algebra 1 **	Geometry	Algebra 2**	Pre-Calculus*   Quantitative Reasoning*
Honors	Honors Algebra   Honors Geometry	Honors Algebra 2	Honors Pre-Calculus*	AP Calculus AB*   AP Calculus AB/BC*   AP Statistics*
Accelerated	Honors Algebra 2	Honors Pre-Calculus*	AP Calculus AB/BC*	Multivariate Calculus and Differential Equations*   AP Statistics*

\*Course is available for dual-enrollment

\*\*Algebra support courses available to be taken concurrently with Algebra 1 or Algebra 2

## Algebra I

Course Code: MAT100

Grade Level: 9	Length of Course: 1 Year	1 Credit
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*Meets university admission requirements*

This course is designed to deepen and extend understanding of linear and non-linear relationships by comparing and contrasting them with each other. Students will apply models to data that exhibit linear trends. In addition, students will engage in methods of analyzing, solving and using quadratic functions. This course uses the state standards as a guideline for its curriculum and prepares students for advance study in mathematics and science. This course can be taken concurrently with Honors Geometry.

## Honors Algebra I

Course Code: MAT110

Grade Level: 9	Length of Course: 1 Year	1 Credit- Weighted
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**Prerequisite:** Placement is based upon District criteria.

*Meets university admission requirements*

This course is an accelerated course in Algebra I for students who have proven their exceptional interest, ability, and industry in mathematics. The content of the regular Algebra 1 course will be explored in depth with additional emphasis on the application of the functions studied. This course uses the state standards as a guideline for its curriculum and prepares students for advance study in mathematics and science. This course can be taken concurrently with Honors Geometry.

## Geometry

Course Code: MAT200

Grade Level: 9, 10	Length of Course: 1 Year	1 Credit
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**Prerequisite:** Algebra I

*Meets university admission requirements*

This course develops understanding of informal explanations of circumference, area and volume formulas. Criteria will be established for congruence and similarity of geometric figures based on rigid motions, constructions, dilations and proportional reasoning. Students will prove geometric theorems and solve problems involving right triangles. Students will need a compass and protractor. The course uses the state standards as a guideline for its curriculum and prepares students for advance study in mathematics and science.

## Honors Geometry

Course Code: MAT210

Grade Level: 9, 10	Length of Course: 1 Year	1 Credit - Weighted
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**Prerequisite:** Algebra I or Honors Algebra

This is an accelerated course in plane and solid geometry for students who have proven their exceptional interest, ability, and industry in mathematics. The content of the regular geometry course will be explored in depth with additional topics in analytic geometry, trigonometry, and constructions. The course uses the state standards as a guideline for its curriculum and prepares students for advance study in mathematics and science. This course can be taken concurrently with Algebra 1.

## Algebra II

Course Code: MAT300

Grade Level: 11, 12	Length of Course: 1 Year	1 Credit
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**Prerequisite:** Algebra I and Geometry

*Meets university admission requirements*

This 2<sup>nd</sup> year algebra course extends the real number system to the complex number system, representing radicals with rational exponents. This course includes solving and interpreting solutions to a variety of equations, inequalities, and systems in the context of real-world situations. Students will graph and interpret functions extending for linear, quadratic and exponential with integer exponents to polynomial, radical, rational, exponential with real exponents, logarithmic, trigonometric and piece-wise defined functions. Simple and compound probability calculations will extend to conditional probability. The course uses the state standards as a guideline for its curriculum and prepares students for advances study in mathematics and science.

**Honors Algebra II****Course Code: MAT310****Grade Level: 9, 10, 11****Length of Course: 1 Year****1 Credit - Weighted****Prerequisite:** Honors Geometry.

This course is an accelerated course in Algebra II for students who have proven their exceptional interest, ability, and industry in mathematics. The content of the regular Algebra II course will be explored in depth with additional topics in discrete math, trigonometry and conic sections. The course uses the state standards as a guideline for its curriculum and prepares students for advance study in mathematics and science.

**Pre-Calculus****Course Code: MAT400****Grade Level: 10, 11, 12****Length of Course: 1 Year****1 Credit****Prerequisite:** Algebra II (C or better).*Meets university admission requirements*

This course strengthens students' conceptual understanding of problems, mathematical reasoning, and mathematical modeling in solving problems. It combines concepts of trigonometry, geometry, and functions to prepare students for studies in STEM related courses and college and career entry mathematics courses. This course will encourage students to reason mathematical and model real-world contexts in a team setting using technology. There will be group and individual projects throughout the year.

**Honors Pre-Calculus****Course Code: MAT410****Grade Level: 10, 11****Length of Course: 1 year****1 Credit - Weighted****Prerequisite:** Honors Algebra II, AND/OR a qualifying score on the Accuplacer Math Placement test.*Dual enrollment credit may be offered for this course. Meets university admission requirements*

This course is an accelerated course in Pre-Calculus for students who have proven their exceptional interest, ability, and industry in mathematics. The content of the regular Pre-Calculus course will be explored in depth with additional topics in analytic geometry. This course will encourage students to reason mathematically and model real-world contexts in a team setting using technology. There will be group and individual projects throughout the year.

**Quantitative Reasoning****Course Code: MAT420****Grade Level: 12****Length of Course: 1 Year****1 Credit****Prerequisite:** Algebra II.*Dual enrollment may be offered for this course. Meets university admission requirements*

This course is a 4<sup>th</sup> year math course for seniors with non-STEM post-secondary intentions. Quantitative reasoning utilizes basic mathematical and reasoning concepts and operations required for problem solving, decisions making, economic productivity and real world applications. Students will acquire the skills necessary to make rational decisions based of real data. Students will be able to report their conclusions in a precise and accurate manner using the language, tools, and symbolism of mathematics using a variety of technology and methods.

**AP Calculus AB****Course Code: MAT450****Grade Level: 11, 12****Length of Course: 1 Year****1 Credit - Weighted****Prerequisite:** Honors Pre-Calculus, AND/OR a qualifying score on the Accuplacer Math Placement test or MAT187**Fee: \$50***Dual enrollment may be offered for this course. Meets university admission requirements*

This college level calculus course follows the syllabus that is outlined by the College Board. This course is a study of limits, continuity, the derivative, and its applications including rates of change. It also includes the fundamental principles and formula for differential and integral calculus along with their applications to geometry and mechanics, the mean value theorems and the fundamental theorem of calculus. : Students will be required to take the Advanced Placement test at the end of the school year.

**AP Calculus AB/BC****Course Code: MAT460****Grade Level: 11, 12****Length of Course: 1 Year****1 Credit-Weighted****Prerequisite:** AP Calculus AB or MAT220, AND/ OR a qualifying score on the Accuplacer Math Placement Test**Fee: \$50***Dual enrollment may be offered for this course MAT220/230. Meets university admission requirements*

This course is equivalent to a full year calculus class at a university and prepares students to sit for the AP Calculus BC examination where two semesters of college credit in calculus may be earned. Topics emphasized are advanced methods of integration, partial fractions, conic sections, hyperbolic functions, and polar coordinates. This is a rigorous course designed to prepare students for the AP examination in this subject area. : Students will be required to take the Advanced Placement test at the end of the school year.

**Multivariate Calculus and Differential Equations****Course Code: MAT500****Grade Level:** 11, 12**Length of Course:** 1 Year**1 Credit- Weighted****Prerequisite:** AP Calculus AB/BC**Fee:** \$50*Dual enrollment may be offered for this course MAT240. Meets university admission requirements*

This course extends the concepts developed in Calculus to functions of several variables and differential equations. Topics include multivariate calculus including vectors, vector-valued functions, differential equations, partial differentiation, multiple integration, optimization, and an introduction to vector fields. Applications and modeling will be considered.

**AP Statistics****Course Code: MAT510****Grade Level:** 11, 12**Length of Course:** 1 Year**1 Credit - Weighted****Prerequisite:** Pre-Calculus or higher.**Fee:** \$50*Meets university admission requirements*

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four board conceptual themes. Exploring Data: Describing patterns and departures from pattern. Sampling and Experimentation: Planning and conducting a study. Anticipating Patterns: Exploring random phenomena using probability and simulation. Statistical Inference: Estimating population parameters and testing hypotheses. This course is comparable to the first semester Statistics course taught at colleges and universities. : Students will be required to take the Advanced Placement test at the end of the school year.

**Algebra III****Course Code: MAT320****Grade Level:** 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** Placement is based on District criteria.*Meets university admission requirements*

This course is an introduction to the concepts of college algebra. We will cover some of the same material that most college students must take and complete during their college career. Material that will be covered is: a Review of Basic Concepts, Graphs & Functions, Polynomial and Rational Functions, Inverse, Exponential and Logarithmic Functions, Systems and Matrices, Analytic Geometry, & Further Topics in Algebra. A graphing calculator is required for this course.

**Algebra I Lab****Course Code: LAB100****Grades:** 9, 10**Length of Course:** 1 Year**1 Credit***This course does not count as a Math credit.**This course may be repeated for credit but not for grade change.*

This course is offered as an elective credit only for Algebra students who have been recommended for the class. This course will emphasize pre-requisite skills as well as current skills needed to be successful in Algebra I. Topics will include basic computation of whole numbers, decimals, fractions and integers, combining like terms, solving equations and proportions, and plotting points and lines in the coordinate plane.

**Algebra II Lab****Course Code: LAB200****Grades:** 11, 12**Length of Course:** 1 Year**1 Credit***This course does not count as a Math credit**This course may be repeated for credit but not for grade change*

This is an elective course designed to focus on mastery of the Algebra II standards. This course will emphasize prerequisite skills as well as current skills needed for students to be successful in Algebra II. Topics will include linear, quadratic, exponential, logarithmic, polynomial, rational and radical functions, the complex number system, sequences, and series probability, statistics, data analysis and an introduction to trigonometry. Students will receive an elective credit for successful completion of the course.

## General Electives

### Apple Coding I: Introduction to App Development

**Course Code: APL100**

<b>Grade Level:</b> 9, 10, 11	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
<b>Prerequisite:</b> None		
<b>Fee:</b> \$30		
<b>Offered at:</b> QCHS/ EHS		
May be offered for dual enrollment credit		

The Intro to App Development with Swift introduces students to the world of app development and the basics of Swift and Xcode. Students will be introduced to the foundational concepts of computer science, while utilizing Swift coding language, to focus on creative problem solving and real-world applications. Students will build mini-projects throughout the course. By the end of the course, students should be able to build a fully functioning app of their own design.

### Apple Coding II: Innovative App Development

**Course Code: APL200**

<b>Grade Level:</b> 10, 11, 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
<b>Prerequisite:</b> Apple Coding I		
<b>Fee:</b> \$30		
<b>Offered at:</b> QCHS/ EHS		
May be offered for dual enrollment credit		

In this project-based learning course, students will refine their technical skills in app development. They will work in partnership with local and state industry leaders to develop apps to provide real world solutions for our state and local community. Students will have the opportunity to create an app that can change the world.

### Career Exploration Internship

**Course Code: CMI400**

<b>Grade Level:</b> 12	<b>Length of Course:</b> 1 Year	<b>½ Credit</b>
<b>Fee:</b> \$ 0		
<b>Offered at:</b> QCHS/ EHS		

QCUSD Career Exploration Internship is a program that requires a semester or year-long commitment and allows students to explore their career interests, gain valuable work experience, serve the school community, build a college or work resume, and earn credit toward their high school diploma. In order to participate in the internship program, students must complete an application, provide a resume, and participate in an interview process. A grade of pass/ fail will be assigned at the completion of the course. A max of 1 elective credit can be earned.

### Student Aide

**Course Code: ELE210**

<b>Grade Level:</b> 11, 12	<b>Length of Course:</b> 1 Semester	<b>½ Credit</b>
<b>Fee:</b>		
<b>Prerequisite:</b> The student must be requested by faculty/staff and must have a written job description on file in the Counseling office. This course may be repeated for credit but not for grade change. Students are only able to earn one total credit as a Student Aide.		
<b>Offered at:</b> QCHS/ EHS		

Students will be assigned to a faculty or staff member and serve as an assistant performing a variety of duties. Students will be issued a Pass/Fail mark.

### Unified Sports Mentor

**Course Code: USM100**

<b>Grade Level:</b> 11, 12	<b>Length of Course:</b> 1 Semester	<b>½ Credit</b>
<b>Fee:</b> \$30		
<b>Prerequisite:</b> Applications, interview, teacher recommendation, 2.5 grade point average		
This course may be repeated for credit but not for grade change.		
<b>Offered at:</b> QCHS/ EHS		

This course is based on the Special Olympics Unified Sports Program. Unified Sports combines students with intellectual disabilities (athletes) and students without disabilities (partners) for sports training and competition. Unified Sports creates unique teammate bonds through sports experiences. These experiences create a culture of inclusion and foster understanding among students of all abilities. The sports include athletics, basketball, bocce, bowling, cheerleading, flag football, floor hockey, soccer, softball, tennis, and volleyball. Upon completion of the course, students will be able to identify specific rules, strategy, student diversity and health issues specific to a variety of sports and demonstrate proficiency in various movement forms. Students will have the opportunity to compete in Special Olympics Arizona Area and State Games. All students must complete appropriate medical and consent forms.

### Leadership

**Course Code: LDR100**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
<b>Prerequisite:</b> Requirement for elected class officers, elected executive officers, and interviewed/appointed officers. 2.8 minimum GPA (per marking period and cumulative) is required for all students. In order to run for an executive office, the student must have been in the Leadership class previously. Other criteria can be found in the Associated Student Body Constitution and the election packet.		

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

This is an elective course. The students in the class are the governing board. Students will learn and demonstrate qualities of leadership. Students will take an active role in planning, organizing, and implementing school activities, assemblies, and service projects. Each student will participate in community service, group work, problem solving, parliamentary procedures, and committee work. Student participation is required. Students should be energetic, positive, motivated and willing to do service activities. Students must maintain a minimum 2.8 GPA for the length of the course. Students will be required to participate in activities outside of the school day. All students, elected and appointed, are required to take the class. Students not elected or appointed may not register.

### Parallel Learning

**Course Code: PLL100**

**Grade Level: 11, 12**

**Length of Course: 1 Semester**

**½ Credit**

**Prerequisite:** Applications, interview, teacher recommendation

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

This course will involve students in the classroom teaching and activities of handicapped peers. The course is designed to train individuals to assist students with personal management, leisure activities, vocational skills and academics. Students may also participate in community experience and some after-school activities with handicapped peers.

### Release Time

**Course Code: RLT400**

**Grade Level: 12**

**Length of Course: 1 Year**

**No Credit**

**Prerequisite:** Senior must be on track for graduation based on earned credits.

*All released time requires a notarized Consent of Released Time Form.*

Students may be granted release time for specific reasons approved by the school administration. Typically, released time is given to seniors for attendance at college, work, or other indicated needs. Students must be enrolled in five credit-earning courses.

### Release Time/Off-Campus Instruction

**Course Code: RLT405**

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

**Length of Course: 1 Year**

**No Credit**

Students may be granted released time for off-campus instruction. Students must be enrolled in five credit-earning courses.

### Yearbook / Journalism I

**Course Code: YBK100**

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

**Length of Course: 1 Year**

**1 Credit**

**Prerequisite:** C Average in Core Classes or Teacher Approval

**Fee:** \$15

**Offered at:** QCHS/EHS

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

This introductory course will teach students the field-reporting skills necessary to contribute to the development of the QCHS/ EHS Yearbook. Students will aid in executing the marketing plan, provide input in design, and learn the basics of a business model. While in the production phases, students will enhance written communication skills, refine their digital production expertise, and enhanced photography skills. Ultimately, students will present their products to the community and school. Students must attend events outside of regular school hours to take this course. May be offered for dual enrollment credit.

### Yearbook / Journalism II

**Course Code: YBK200**

**Grade Level: 10, 11, 12**

**Length of Course: 1 Year**

**1 Credit**

**Prerequisite:** Yearbook/ Journalism I or Teacher approval

**Fee:** \$15

**Offered at:** QCHS/EHS

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

Student work will primarily focus on the development of the QCHS/EHS Yearbook and QCHS/EHS Journalism media publications. In doing so, students will engage in the pre-production planning phase, in which students will develop a marketing plan, design page layouts, and an overall business model for the class to adhere to. While in the production phases, students will demonstrate written communication skills, refinement in digital production, and enhanced photography skills. Ultimately, students will present their products to the community and school. . Students must attend events outside of regular school hours to take this course. May be offered for dual enrollment credit.

### Honors Academic Decathlon

**Course Code: HAD400**

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

**Length of Course: 1 Year**

**Credit =Weighted**

**Prerequisite:** Teacher recommendation

**Offered at:** QCHS/EHS

*This course may be repeated for credit but not for grade change. Students competing in Academic Decathlon are subject to the AIA, the AADA, and District eligibility rules.*

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

## International Relations

Course Code: IRL100

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: C or better in previous year of World History or US History

Offered at: QCHS/EHS

International Relations is a course in which students will look at current events, politics, economic philosophies, and global foreign affairs since World War II and their direct impact on the world society. Throughout the course students will be able to relate and recognize the direct impact that forces of globalization have on the economic, political, social and cultural development of nations and regions of the world. Students will also be introduced to core concepts of international relations. Students will be expected to apply these theoretical concepts to a range of specific contemporary case studies or simulations, specifically by participation in a world dominance and country building exercise, in which students will create a country from scratch, be engaged in diplomatic, treaties, economic simulations, and possibly a war situation, in which students will understand first-hand how countries manage conflicts.

## Independent Study Hall

Course Code: IS500

Grade Level: 9, 10, 11, 12

Length of Course: 1 Semester

0 Credit

Prerequisite: Principal Approval Required

Offered at: QCHS/EHS

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

Independent Study provides students the opportunities to study areas of content not offered as part of the regular curriculum. These courses are generally taken during the school day and on campus through the QCUSD virtual learning platform. This must be pre-approved by Administration.

# Physical Education

## Coed Physical Education/ Comprehensive Health

Course Code: PED220

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

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

This course is a study of Physical Education and fitness awareness and is designed to expose students to a variety of team sports. Students will participate in instructional and competitive activities in the following sports: basketball, volleyball, softball, football, and hockey. Running and weight training will also be included to aid the student in reaching and maintaining personal health and fitness. This course is designed to help students become aware of how good health habits can be a means of improving the quality of their lives. This class, is based on Arizona Comprehensive Health Standards, will cover such topics as communicable diseases, addiction, wellness, safety, self-esteem, and decision-making.

## Yogalates

Course Code: PED170

Grade Level: 9, 10, 11, 12

Length of Course: 1 Semester

½ Credit

Yogalates involves the stretching and strengthening of all the body's major muscle groups, creating a slender, long-lean-look. This class is an equal balance of yoga and pilates, emphasizing core strength, balance and flexibility. Other fitness components will be incorporated into the class for a well-rounded physique.

## Beginning Dance

Course Code: DAN100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Fee: \$10

Course includes basic movement patterns and terminology in ballet, modern, and jazz dance styles with an emphasis on technique and alignment. In addition, students learn the elements of choreography, improvisation techniques and production. Performance required.

## Intermediate Dance

Course Code: DAN200

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Beginning Dance or by audition

Fee: \$10

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

Intermediate Dance is dedicated to reinforcing and building upon the skills of intermediate level dance students. Focus will be on building a deeper understanding of technical skills in jazz, ballet, contemporary and hip hop dance styles. Students will also learn choreography and improvisational skill. The program enables students to express themselves through nonverbal means of communication while improving their dance skills. Emphasis will be placed on technique, movement quality, and knowledge of

specific traits of each dance style. Students will also learn components of health-related fitness related to anatomy. This class strives to promote a lifelong interest in dance from artistic, athletic and academic perspectives.

### Performance Dance

**Course Code: DAN210**

<b>Grade Level:</b> 10, 11, 12	<b>Length of Course:</b> 1 Year	1 Credit
<b>Prerequisite:</b> Beginning Dance and instructor approval		
<b>Fee:</b> \$10		
<i>This course may be repeated for credit but not for grade change</i>		

Course provides a more serious study of the various dance styles with more emphasis on improvisation, choreography, and performance. Performance required.

### Cheer

**Course Code: PED120**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Year	1 Credit
<b>Prerequisite:</b> Member of JV or Varsity Cheer Squad which is established through try-outs		
<b>Fee:</b> \$100		
<i>This course may be repeated for credit but not for grade change.</i>		

Students will learn and practice proper tumbling, jumping, and stunting technique. Proper motion and cheer technique will also be addressed in the class. Students will learn the importance of maintaining a healthy and active lifestyle.

### Pom

**Course Code: POM100**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Year	1 Credit
<b>Prerequisite:</b> Member of Varsity Pom team which is established through try-outs		
<b>Fee:</b> \$100		
<i>This course may be repeated for credit but not for grade change.</i>		

Students will learn and practice proper dance technique and also prepare for HS performances. Students will learn the importance of maintaining a healthy and active lifestyle.

### Strength & Conditioning Weight Training

**Course Code: PED180**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Year	1 Credit
<i>This course may be repeated for credit but not for grade change.</i>		

This course is intended for freshman athletes and students that are beginning or intermediate weight training students. Students will perform and concentrate on technique and gains in bench presses, squats, Olympic lifts and other strength programs. Cardiovascular conditioning will also be included. Due to safety maintaining appropriate instruction, classes will be limited to 30 students.

### Basic Weight Training

**Course Code: PED260**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Year	1 Credit
<i>This course may be repeated for credit but not for grade change.</i>		

This course is an introduction to weight lifting, bands, and dumbbells. Students will learn to perform correct technique or core lifts. Cardiovascular conditioning will also be included.

### Advanced Weight Training

**Course Code: PED310**

<b>Grade Level:</b> 10, 11, 12	<b>Length of Course:</b> 1 Semester	1 Credit
<b>Prerequisite:</b> A Weight Training or Circuit Training Course		
<i>This course may be repeated for credit but not for grade change</i>		

This class concentrates on technique and gains in bench presses, squats, power cleans, pull-ups and sit-ups and strength programs. Cardiovascular conditioning will also be included.

### TEAM Sports/Weights

**Course Code: PED270**

<b>Grade Level:</b> 9, 10, 11, 12	<b>Length of Course:</b> 1 Year	1 Credit
<b>Prerequisite:</b> List Only		
<i>This course may be repeated for credit but not for grade change.</i>		

This class is designed for the student-athlete preparing and competing in an interscholastic team or individual sport. The initial goal is technical mastery of basic strength training exercises, as well as Olympic lift components. Unilateral training, torso stability, and other exercises designed to reduce the risk of injury will be taught. **Student-athletes must be on a team to be in the class.**

# Science

Pathway	<u>9<sup>th</sup> Grade</u>	<u>10<sup>th</sup> Grade</u>	<u>11<sup>th</sup> Grade</u>	<u>12<sup>th</sup> Grade</u>
Standard	Physical Science Biology	Biology, Chemistry	Chemistry Physics	Botany Environmental Science Human Anatomy and Physiology
Honors	Honors Biology	Honors Chemistry	AP Biology AP Chemistry AP Environmental Science AP Physics 1 AP Physics 2	AP Biology AP Chemistry AP Environmental Science AP Physics 1 AP Physics 2 Honors Human Anatomy and Physiology

## Physical Science

**Course Code: SCI100**

**Grade Level:** 9

**Length of Course:** 1 Year

1 Credit

*This course meets university entrance requirements for lab science credit.*

This one year course is designed to expose students to Chemistry, Physics and Earth and Space concepts. Students will be exposed to concepts concerning the composition of the Earth and its atmosphere, the varying processes that shape the surface and climate of Earth, the impact of energy on Earth and its systems and how energy and matter have changed throughout geologic time. Students will also investigate planetary bodies and their evolution. With chemistry and physics, students will be able to demonstrate how the structure of atoms gives rise to patterns and properties seen in the Periodic Table while being able to discuss how chemical reactions occur and what impacts the rate of these reactions. Finally, students will be expected to explain how differing fields influence an object and will be expected to evaluate and apply Newton's Laws. A grade of C or better in previous math and science classes is recommended for this course.

## Biology

**Course Code: SCI200**

**Grade Level:** 9, 10

**Length of Course:** 1 Year

1 Credit

*This course meets university entrance requirements for lab science credit.*

Biology is a lab based course which will address the following topics: ecology, biochemistry, cellular structure and function, cellular energy and reproduction, human inheritance, genetics and molecular genetics, natural selection, evolution, phylogeny and taxonomy, bacteria and viruses along with an introduction to plants and animals. Students will be expected to learn and demonstrate basic laboratory techniques and safety procedures. Students will also be exposed to critical reading and analysis along with technical writing skills. Some lab activities may require dissection.

## Honors Biology

**Course Code: SCI210**

**Grade Level:** 9, 10

**Length of Course:** 1 Year

1 Credit -Weighted

**Prerequisite:** Recommended for incoming freshmen with Algebra 1 credit

*This course meets university entrance requirements for lab science credit. May be offered for dual enrollment credit.*

Honors Biology will cover all of the concepts and procedures found in the standard Biology course. In addition, students will be introduced to a lab intensive course where critical reading and writing skills will be the foundation of all lab work. Students will be required to participate in weekly laboratory activities that drive the standards based concepts. Students will be exposed to a broader range of topics and will also be expected to demonstrate their deep understanding of how each biological concept is interrelated. This course is designed to prepare students for a professional career in a medical or scientific/engineering field.

## Chemistry

**Course Code: SCI300**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Lab Biology, currently in Geometry or higher recommended.

*This course meets university entrance requirements for lab science credit.*

Chemistry is the study of the composition of substances and the changes that they undergo. It includes the study of the properties of matter and the ways in which different substances interact, combine, and change. Some of the major topics that we will cover in this course include: the structure of the atom and the properties of subatomic particles, the role of electrons in chemical interactions, chemical bonding, the mole, the gas laws, chemical reactions, thermochemistry, equilibrium and reaction rates, and acids and bases. The overall goal of this course is that students will be able to apply an understanding of atomic and molecular structure to explain the properties of matter, and predict the outcomes of chemical and nuclear reactions. This is an Arizona Board of Reagent lab based course and counts towards graduation requirements.



## Honors Chemistry

Course Code: SCI310

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit - Weighted

**Prerequisites:** Lab Biology, currently in Geometry or higher recommended.

*This course meets university entrance requirements for lab science credit. May be offered for dual enrollment credit.*

Honors Chemistry is the study of the composition of substances and the changes that they undergo. It includes the study of the properties of matter and the ways in which different substances interact, combine, and change. Some of the major topics that we will cover in this course include: the structure of the atom and the properties of subatomic particles, the role of electrons in chemical interactions, chemical bonding, the mole, the gas laws, chemical reactions, thermochemistry, equilibrium and reaction rates, and acids and bases. Honors Chemistry covers all of the topics of regular chemistry with more depth, as well as, several additional topics. Students in honors chemistry will participate in weekly inquiry based labs and will be required to synthesize technically written lab reports for each lab. This is an Arizona Board of Regents lab based course and counts towards graduation requirements.

## AP Biology

Course Code: SCI320

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Fee: \$50

**Prerequisite:** Currently in Algebra II or higher, Biology and Chemistry.

*This course meets university entrance requirements for lab science credit. May be offered for dual enrollment credit.*

Adhering to the curricula recommended by the College Board and designed to parallel college level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. These courses cover three general areas: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college-level laboratory experiments. : Students will be required to take the Advanced Placement test at the end of the school year.

## AP Chemistry

Course Code: SCI330

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Fee: \$50

**Prerequisite:** Biology, Chemistry and currently in Algebra 2.

*This course meets university entrance requirements for lab science credit. May be offered for dual enrollment credit.*

AP Chemistry is a college level lab course based on the AP Chemistry Curriculum. In AP Chemistry students will follow the AP curriculum to learn about the fundamental concepts of chemistry at a much deeper level than they had before. They will study concepts such as structure and states of matter, intermolecular forces, and reactions and how to use chemical calculations to solve problems. In AP Chemistry students will develop their ability to think clearly and express their ideas with clarity and logic, both orally and in writing. They will work with classmates to conduct meaningful laboratory investigations that let them observe chemical reactions and substances, interpret their findings and communicate their results. This is a lab based course and counts towards graduation requirements. Students enrolled in this course are required to take Advanced Placement exam in the spring.

## Environmental Science

Course Code: SCI335

Grade Level: 12

Length of Course: 1 Year

1 Credit

**Prerequisite:** Biology and Chemistry

*This course meets university entrance requirements for lab science credit.*

This course will spend the first semester introducing students to the global environment. It will cover science, energy, ecosystems, and environmental issues. Students will learn to identify the cultural and social issues surrounding these areas. The second semester will focus on Arizona. Students will take the information they have learned from the first semester and apply it to the state. They will learn about current work being done to conserve our resources. They will also identify environmental needs in the state and design experiments to address these needs.

## AP Environmental Science

Course Code: SCI400

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Fee: \$50

**Prerequisite:** Biology and Chemistry

*Dual enrollment credit may be offered for this course. Please see instructor. This course meets university entrance requirements for lab science credit.*

The goal is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Students are required to take the AP exam in the spring.

## Botany

Course Code: SCI405

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

**Prerequisite:** Biology and Chemistry

*Dual enrollment credit may be offered for this course. Please see instructor. This course meets university entrance requirements for lab science credit.*

Botany is an advanced biology course with a focus on plants. We will study plant anatomy (parts), plant physiology (function), horticulture (naming and classifying), plant ecology (interactions) and biomes, and we will also study native Arizona plant species and the basics of gardening. Many different kinds of activities combine to help the student build knowledge and skills in biological concepts as they relate to plants. Integrated throughout the course may be related topics in other areas such as Chemistry, Geology, and Sociology. This course will have a laboratory component in which students will conduct lab experiments and long term growth experiments. Lab results will be recorded in students' lab notebooks and written lab reports will be done to demonstrate connection of course content with collected data.

## Human Anatomy and Physiology

Course Code: SCI455

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

**Prerequisite:** Biology and Chemistry

*This course meets university entrance requirements for lab science credit. May be offered for dual enrollment credit.*

Human Anatomy and Physiology concentrates on the study of the structure and function of the human body. Topics include scientific method, anatomical terminology, cells, tissues, integumentary system, skeletal system, muscular system, nervous system, endocrine system, circulatory system, lymphatic system, respiratory system, digestive system, urinary system and reproductive systems. Labs coincide with reading and lecture content and include the following: microscopic examination of tissues, anatomical exercises, physiological exercises and dissections of animal specimens.

## Honors Human Anatomy and Physiology

Course Code: SCI460

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

**Prerequisite:** Biology and Chemistry

*This course meets university entrance requirements for lab science credit. May be offered for Dual Enrollment*

Honors Human Anatomy and Physiology students will move at a faster pace, will answer more critical thinking and application questions, and take topics and lab exercises a step beyond the expectations set for Human Anatomy and Physiology students. Examples of topics Honors Anatomy and Physiology students study in addition to those outlined in the Human Anatomy and Physiology course description include: biochemistry as it relates to the body, identifying additional bones of the skull, identifying major muscles/muscle groups in the muscular system and identifying major blood vessels in the cardiovascular system. Inquiry based labs will require partial to full lab reports which will include written conclusion of statements based on detailed analysis of results.

## Physics

Course Code: SCI465

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

**Prerequisite:** Chemistry and currently in Algebra II or higher.

*This course meets university entrance requirements for lab science credit.*

Students will study the concepts and laws of physics through efforts involving problem solving, experimentation, and design techniques and real world applications. Topics include linear and angular motions, statics, dynamics, kinematics, energy and momentum, electricity and magnetism, and light and color. Hands-on laboratory coursework will require conceptual knowledge and attention to detail. Students will also be introduced to engineering and engineering technology careers.

## AP Physics I

Course Code: SCI470

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit- Weighted

Fee: \$50

**Prerequisite:** Chemistry and currently in Algebra II or higher.

*This course meets university entrance requirements for lab science credit.*

AP Physics 1: Algebra-Based is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Students are required to take Advanced Placement exam at the end of the school year.

## AP Physics II

Course Code: SCI480

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit- Weighted

Fee: \$50

**Prerequisite:** AP Physics I

*This course meets university entrance requirements for lab science credit.*

AP Physics 2: Algebra-Based is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Students are required to take the Advanced Placement exam at the end of the school year.

# Social Studies

Pathway	<u>9<sup>th</sup> Grade</u>	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Standard	World History	Elective	US History	Government/ Economics (1 semester each)
Honors	AP Human Geography or Honors Ancient Civilizations	AP World History	AP US History	AP Government   AP Economics

## World History

**Course Code: SOC100**

**Grade Level:** 9

**Length of Course:** 1 Year

**1 Credit**

Students will analyze the human experience through time, recognize the relationship of events and people, and interpret significant patterns, themes, ideas, beliefs, and turning points in world history. The course of study includes Ancient Greeks/Romans, Medieval Times, Renaissance, Age of Revolution, WWI, WWII and the Modern World. Geographical, as well as chronological examination will be employed to facilitate the acquisition of this body of knowledge.

## AP World History

**Course Code: SOC110**

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

**Length of Course:** 1 Year

**1 Credit - Weighted**

**Fee \$50**

**Prerequisite:** B or better in the previous year's Social Studies & English courses is recommended

Dual enrollment credit may be offered for this course. Please see instructor.

The AP World History Course is designed to develop a greater understanding of the evolution of global processes and contacts in different types of human societies. This understanding is developed through a combination of selective and factual knowledge and appropriate analytical and research skills. Students will examine relevant and factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Students will examine and analyze events that cover Africa, The Americas, Asia, Europe, and Oceania. This course will follow both the Arizona Academic and Advanced Placement standards. Students who take the course will be required to take the Advanced Placement World History exam.

## US/ Arizona History

**Course Code: SOC300**

**Grade Level:** 11

**Length of Course:** 1 Year

**1 Credit**

**Fee \$50**

Dual enrollment credit may be offered for this course. Please see instructor.

This course will study the growth and development of the United States from independence to the present. Emphasis is on the founding principles of democracy and the experiences of the American people in transforming their society from colonies to a world power. Major topics presented will include: Revolutionary War, forming of a government, Westward expansion, Civil War, Reconstruction, Industrial Revolution, Spanish-American War, WWI, Depression, WWII, Cold War, and the Civil Rights Movement.

## AP US History

**Course Code: SOC310**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

**1 Credit- Weighted**

**Fee \$50**

**Prerequisite:** B or better in World History and English courses is recommended

Dual enrollment credit may be offered for this course. Please see instructor.

The AP United States History Course is designed to provide students with a comprehensive, analytical, and diversified knowledge in US/ Arizona History, including the usage and familiarity of primary and secondary source documents. Throughout this course students will be challenged and expected to write detailed accounts arguing and defending key points and concepts in US History by creating thematic and DBQ essays as well as being well versed for discussion based learning. This course will follow both the Arizona Academic and Advanced Placement standards. Students who take the course will be required to take the Advanced Placement US History exam.

**Economics****Course Code: SOC400****Grade Level:** 12  
**Fee** \$50**Length of Course:** 1 Semester $\frac{1}{2}$  Credit

Students examine the areas of micro and macroeconomics by exploring the roles that individuals, businesses, and local, state and federal governments play in shaping economic decision making. All aspects of our economic system from the stock market to the Federal Reserve to consumer economics are studied. Additionally, they investigate comparative economic systems in order to understand the influence that each has in our global financial world. Emphasis is placed on critical analysis, individual and small group research, and causal relationships.

**AP Economics****Course Code: SOC420****Grade Level:** 12  
**Fee** \$50**Length of Course:** 1 Semester $\frac{1}{2}$  Credit- Weighted

*Dual enrollment credit may be offered for this course. Please see instructor.*

AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. : Students will be required to take the Advanced Placement test at the end of the school year.

**US/ Arizona Government****Course Code: SOC425****Grade Level:** 12**Length of Course:** 1 Semester

1 Credit

This course provides students with the opportunity to understand the structure, development, and operation of the United States and Arizona governments. Students study the US and AZ Constitutions, the nature of federalism, the balance of powers, the right and liberties of citizens, and the political roles played by public opinion, the media, political parties, and other interest groups. Emphasis is placed on critical analysis, individual and small group research, and causal relationships.

**AP US Government & Politics****Course Code: SOC430****Grade Level:** 12  
**Fee** \$50**Length of Course:** 1 Semester $\frac{1}{2}$  Credit- Weighted

*Dual enrollment credit may be offered for this course. Please see instructor.*

This is a survey course that provides an introduction into the operation of American national government. As such, we will examine the American system of government and its origins, political opinions, interests and behaviors, political organizations, to include parties, interest groups and mass media, the institutions of government and their role in making and enforcing public policy, civil liberties and civil rights, and finally, primary source materials and contemporary news analyses; ultimately, exposing you to these areas. It is our goal to foster the development of the analytical perspectives for interpreting, understanding, and explaining the political processes and events in our country. A service project is required per the College Board. Students who take this course will be required to take Advanced Placement exam at the end of the school year.

# Social Studies Electives

## Honors Ancient Civilizations & Geography

**Course Code: SOC450**

**Grade Level:** 9

**Length of Course:** 1 Year

1 Credit – Weighted

This elective course is designed for 9<sup>th</sup> grade students pursuing an AP or Honors track in Social Studies with the idea that they will take AP World history in their 10<sup>th</sup> grade year. In this course, students will expand their understanding of history by studying the people and events that ushered in the dawn of the major Western and Eastern ancient civilizations. Geography is of special significance in the development of the human story. Continued emphasis is placed on the everyday lives, problems, and accomplishments of people, their role in developing social, economic, and political structures, as well as in establishing and spreading ideas that helped transform the world forever. Students develop higher levels of critical thinking by considering why civilizations developed where and when they did, why they became dominant, and why they declined. Students analyze the interactions among the various cultures, emphasizing their enduring contributions and the link, despite time, between the contemporary and ancient worlds.

## AP European History

**Course Code: SOC460**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit – Weighted

**Fee:** \$50

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Students who take this course will be required to take Advanced Placement exam at the end of the school year.

## Psychology

**Course Code: SSE300**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:**

**Offered at:** QCHS/ EHS

Psychology I/ II is a 1-Year elective course designed to introduce students to the science of human behavior. The course includes an introduction to psychology, its history and basic theories to explain behavior. Students will explore issues related to the brain and behavior, states of consciousness, stress, human development and learning, and a survey of different psychological therapies. In this course students explore concepts related to social and cognitive psychology, theories of personality and abnormal behavior disorders.

## AP Psychology

**Course Code: SSE315**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

1 Credit-Weighted

**Prerequisite:**

**Fee:** \$50

**Offered at:** QCHS/ EHS

Dual enrollment credit may be offered for this course. Please see instructor.

The AP Psychology course is designed to prepare students to take the AP Psychology exam. This will be accomplished by introducing students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students who take this course will be required to take the Advanced Placement Psychology exam.

## AP Human Geography

**Course Code: SSE400**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit – Weighted

**Prerequisite:**

**Fee:** \$50

Human Geography is a yearlong course that studies the human population and how it affects migration, culture, language, religion, ethnicity, political geography, economies, industry, agriculture and urban geography. Global case studies are used to compare the US to the world as well as local situations. This course introduces the student to cultural geography through an examination of world, national and local regions with a focus on trends and issues, patterns of rural and urban land use, growth and development of cities, and economic development issues. Students who take this course will be required to take Advanced Placement exam at the end of the school year.

## Special Education

The Special Education Program provides alternative forms of instruction for eligible students who are classified as in need of special education services. Emphasis is on improving basic alternative skills, study habits, career awareness, and social skills essential for employment. See the counselor for further information. These courses are offered to eligible students as determined by the Individualized Education Plan (IEP).

### English 9 Resource

**Course Code: ENR100**

<b>Grade Level:</b> 9	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
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This course is designed for students with special needs who need to improve their language and reading skills as determined appropriately by the IEP team. Instructions will include grammar, usage, spelling, punctuation, sentence formation, paragraphing, and vocabulary. Other topics will include, but not be limited to, exploratory literature, vocational language skills, and basic library skills. Students will be introduced to the six traits of writing and introduction to different genres of writing including persuasive and narrative.

### English 10 Resource

**Course Code: ENR200**

<b>Grade Level:</b> 10	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
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This course is designed for students with special needs who need to improve their language and reading skills as determined appropriately by the IEP team. Instructions will include grammar, usage, spelling, punctuation, sentence formation, paragraphing, and vocabulary. Other topics will include exploratory literature, vocational language skills, and basic library skills. Other areas will include reinforcement of the six traits, reinforcement of the writing process, group and individual formal and informal presentations.

### English 11 Resource

**Course Code: ENR300**

<b>Grade Level:</b> 11	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
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This course is designed for students with special needs to further improve their language and reading skills as determined appropriately by the IEP team. Written and oral language will be emphasized and job acquisition skills will be expanded. Other areas will include refinement of the six traits of writing, focus on novels, short stories and poetry, oral assignments, and communication.

### English 12 Resource

**Course Code: ENR400**

<b>Grade Level:</b> 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
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This course is designed for students with special needs to further improve their language and reading skills as determined appropriately by the IEP team. Written and oral language will be emphasized and job acquisition skills will be expanded. Other areas will include refinement of the six traits of writing, focus on the novel, short stories, and poetry with an emphasis on the critical analysis of the various genres of literature as well as exposing students to writing that will assist in transition from high school such as writing resumes, filling out applications, and interviewing skills.

### Algebra I Resource

**Course Code: MAR100**

<b>Grade Level:</b> 9	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
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*This course may be repeated for credit but not for grade change.*

This course is designed to present students with the basic concepts of algebra in a step-by-step approach. Students are introduced to simplifying and evaluating rational expressions, exponents and radicals, solving linear equations, inequalities, absolute values, coordinate plane, data representations, graphing, functions, probability, problem solving, and application.

### Geometry Resource

**Course Code: MAR105**

<b>Grade Level:</b> 10	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
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**Prerequisite:** Algebra I Resource

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

The course covers the basic concepts of Geometry. The major topics covered will include angle, line and circle relationships, polygons, congruent and similar triangles, perimeter; area, volume, transformations, tessellations, constructions, and problem solving. Students will need a compass and protractor.

### Algebra II Resource

**Course Code: MAR200**

<b>Grade Level:</b> 11, 12	<b>Length of Course:</b> 1 Year	<b>1 Credit</b>
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**Prerequisite:** Geometry Resource

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

This course is a continuation of the functions covered in Resource Algebra I. It will review the linear, quadratic, exponential, logarithmic, polynomial, rational, and radical functions. It will also include the complex number system, trigonometric

functions, statistics, probability, and data analysis. This course will help students improve their college mathematics placement exam scores.

### Algebra III Resource

Course Code: MAR300

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisite: Teacher/ Counselor placement only.

Meets university admission requirements.

This course is a continuation of the functions covered in Resource Algebra II. It will review the linear, quadratic, exponential, logarithmic, polynomial, rational, and radical functions. It will also include the complex number system, trigonometric functions, statistics, probability, and data analysis. This course will help students improve their college mathematics placement exam scores.

### Consumer Math Resource

Course Code: MAR310

Grade Level: 12

Length of Course: 1 Year

1 Credit

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

Meets university admission requirements

Students will learn the business and personal finance skills needed for employment and continuing education. Students will apply mathematical concepts to practical life situations such as determining earnings, deductions, comparing unit prices, calculating discounts and percent saved, computing and paying a mortgage, paying bills with a checkbook, reconciling a checking account, preparing a budget, using circle graphs, and evaluating profits and losses.

### Resource Study Skills

Course Code: RES100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

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

This course is designed for a student with an Individual Education Plan (IEP) and in General Education classes. Students will have the ability to study, complete homework, projects, and finish daily classroom activities. Students will be exposed to study guide techniques such as note taking, time management and organization. A Special Education teacher provides small group instruction in class for all content areas as needed or in compliance to student's IEP.

### Pathways English

Course Code: PEN100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

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

Pathways English is designed to develop knowledge and skills in the areas of reading and written language as described in a student's IEP and Arizona Academic Standards. The classroom environment is designed to enhance the behavioral/personal adjustment competencies necessary to provide a successful educational experience.

### Pathways Math

Course Code: PMA100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

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

Pathways Math is designed to develop knowledge and skills in the areas of numerical and algebraic concepts as described in a student's IEP and Arizona Academic Standards. The classroom environment is designed to enhance the behavioral/personal adjustment competencies necessary to provide a successful educational experience.

### Pathways Social Studies

Course Code: PSO100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

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

Pathways Social Studies is designed to develop knowledge and skills in the areas of the United States, Arizona, and World History as described in a student's IEP and Arizona Academic Standards. The classroom environment is designed to enhance the behavioral/personal adjustment competencies necessary to provide a successful educational experience.

### Pathways Science

Course Code: PSC100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

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

Pathways Science is designed to develop knowledge and skills in the areas of Biology and General Science as described in a student's IEP and Arizona Academic Standards. The classroom environment is designed to enhance the behavioral/personal adjustment competencies necessary to provide a successful educational experience.

**Pathways Study Skills****Course Code: PSK100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

This course is designed to enhance the development of social and emotional skills and study skills necessary for students to be successful in the regular education curriculum.

**Pathways Vocations****Course Code: PVO100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

Pathways Vocations is designed to develop knowledge and skills in the areas of occupational and job related services as described in a student's IEP, Arizona Academic Standards, and specific transitional competencies. The classroom environment is designed to enhance the behavioral/personal adjustment competencies necessary to provide a successful educational experience.

**Pathways Group****Course Code: PGR100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

Pathways Group is designed to develop knowledge and skills in the areas of social/emotional development, communication, and classroom behavior. Students learn how to interact with both peers and adults appropriately. The classroom environment is designed to enhance the behavioral/personal adjustment competencies necessary to provide a successful educational experience.

**Academic Skills English****Course Code: AEN100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

In this course students will learn to read functional text, spelling, and learn vocabulary needed for basic independent living. Students will develop the skills to create their own resume, cover letters, thank you note, and letter of introduction. Learning basic reading skills will help students to take a driver's test, read menus, and cooking instructions.

**Academic Skills Mathematics****Course Code: AMA100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

This course includes mathematical organizational skills and functional survival skill for everyday living for maximum independence and success in the community setting. Student learning will have emphasis in basic math concepts for independent living and survival in the workplace. Focus will include checking/savings accounts, budgets, money and time management.

**Academic Skills Science****Course Code: ASC100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

Academic Skills Science is designed to develop knowledge and skills in the areas of Biology and General Science as described in a student's Individual Education Plan and Arizona State Standards. The classroom environment is designed to enhance the behavioral/personal adjustment competencies necessary to provide a successful educational experience.

**Academic Skills Social Studies****Course Code: ASO100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

Academic Skills Social Studies is designed to develop knowledge and skills in the areas of the United States, Arizona, and World History as described in a student's Individual Education Plan and Arizona State Standards. The classroom environment is designed to enhance the behavioral/personal adjustment competencies necessary to provide a successful educational experience.

**Academic Skills Health/Safety****Course Code: ASH100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

This course provides specific instruction on how the body works and the importance of personal hygiene. Students will learn about the dangers and effects of drugs to their bodies.

**Academic Vocational Skills Training****Course Code: AVT100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

This course is designed to expose the student to understanding the value of post high school occupation and provide information on different careers. Students will participate in their own career interest inventory and develop strategies to enter into the workplace.



**Academic Community Independence Skills****Course Code: ACS100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

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

This course provides the skills to understand the elements of civic duty in today's society. Students will learn about the responsibilities of citizenship and the possibilities of their participation in the community. Crime will be discussed and how to protect oneself in independent living, learn about zip codes, and how to resource civic services.

**Vocational Education Training (VET)****Course Code: VET100****Grade Level:** 11, 12**Length of Course:** 1 Year

2 Credits

**Prerequisite:** Case Manager Recommendation*This course may be repeated for credit but not for grade change.*

This program will be offered to juniors and seniors who want to explore different kinds of jobs and volunteer work. The Vocational Education Training (VET) focuses on functional standards of workplace skills. Students enrolled in this program will explore and receive training in job readiness skills, domestic skills, office/clerical skills and social skills. This class will provide on-the-job coaching/volunteering in a variety of settings in the Eastmark area reinforcing the necessary skills to be employed in the workplace.

**Life Skills English****Course Code: LEN100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

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

This course includes organizational skills, functional survival skills, with an emphasis on language/communication skills and reading needed for maximum independence and success in school, present and future community settings, and interactions with non - disabled peers and adults.

**Life Skills Mathematics****Course Code: LMA100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

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

This course includes organizational skills and functional survival skills, with an emphasis on basic math skills for everyday living for maximum independence and success within school and community settings. Focus may include comparative shopping, money, time, budget, wages, savings, and checking accounts.

**Life Skills Health/Safety****Course Code: LHS100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

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

This course provides instruction in activities that increases a student's ability to function with semi - independence in their daily life, within their present and future environments. Activities may include safety, personal care, food preparation, and meal planning.

**Life Skills Vocational Skills Training****Course Code: LVS100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

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

In this course students will be trained to learn basic skills necessary to enter the work world and understand the role that they play in their community. The class covers adjustments to and comprehension of tasks, response to directions, work, quality, production, work behavior and attitudes and skills necessary to secure and hold employment. This class also provides on the job training in a variety of settings in the community.

**Life Skills Community Independence****Course Code: LCI100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

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

This course provides opportunities for recreational/leisure activities within a community setting. Students will practice critical/functional skills in age appropriate activities.

**Life Skills Science****Course Code: LSC100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

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

This course provides an introduction to basic scientific concepts and the development of a relationship that humans have with their environment. Students will receive some hands-on experience in the content area including the development of models to represent these basic scientific concepts (such as the orientation of our planet system).

**Life Skills Social Studies****Course Code: LSO100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

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

This course provides the introduction to important people, historical facts and events that have had influences in American and World History. As a tool to understand these events, students will create hands-on models illustrating some of these events.

**Life Skills Adaptive Physical Education****Course Code: LPE100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

This course is for students who cannot fulfill the requirements of a regular physical education class because of physical limitations, injury, or medical conditions.

**Life Skills Introduction to Art****Course Code: LAR100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit***This course may be repeated for credit but not for grade change.*

This course provides the introduction to basic music appreciation, drama, visual arts, and creative arts. Students will explore the arts by creating hands-on models of the arts.

**Unified Sports****Course Code: USP100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** None*This course may be repeated for credit but not for grade change.*

This course is based on the Special Olympics Unified Sports Program. Unified Sports combines students with intellectual disabilities (athletes) and students without disabilities (partners) for sports training and competition. Unified Sports creates unique teammate bonds through sports experiences. These experiences create a culture of inclusion and foster understanding among students of all abilities. The sports include athletics, basketball, bocce, bowling, cheerleading, flag football, floor hockey, soccer, softball, tennis, and volleyball. Upon completion of the course, students will be able to identify specific rules, strategy, student diversity and health issues specific to a variety of sports and demonstrate proficiency in various movement forms. Students will have the opportunity to compete in Special Olympics Arizona Area and State Games. All students must complete appropriate medical and consent forms.

**Passport English****Course Code: PEG100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** None*This course may be repeated for credit but not for grade change*

Passport English is designed to develop knowledge and skills in the areas of reading and written language as described in a student's IEP and Arizona Academic Standards. The classroom environment is designed to enhance the emotional/personal adjustment competencies necessary to provide a successful educational experience.

**Passport Math****Course Code: PSM100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** None*This course may be repeated for credit but not for grade change*

Passport Math is designed to develop knowledge and skills in the areas of numerical and algebraic concepts as described in a student's IEP and Arizona Academic Standards. The classroom environment is designed to enhance the emotional/personal adjustment competencies necessary to provide a successful educational experience.

**Passport Social Studies****Course Code: PSS100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** None*This course may be repeated for credit but not for grade change*

Passport Social Studies is designed to develop knowledge and skills in the areas of United States, Arizona, and World History as described in a student's IEP and Arizona Academic Standards. The classroom environment is designed to enhance the emotional/personal adjustment competencies necessary to provide a successful educational experience.

**Passport Science****Course Code: PSN100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year**1 Credit****Prerequisite:** None*This course may be repeated for credit but not for grade change*

Passport Science is designed to develop knowledge and skills in the areas of Biology and General Science as described in a student's IEP and Arizona Academic Standards. The classroom environment is designed to enhance the emotional/personal adjustment competencies necessary to provide a successful educational experience.

**Passport Study Skills****Course Code: PST100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

**Prerequisite:** None*This course may be repeated for credit but not for grade change*

This course is designed to enhance development of social and emotional skills and study skills necessary for students to be successful in the regular education curriculum.

**Passport Group****Course Code: PGP100****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

**Prerequisite:** None*This course may be repeated for credit but not for grade change*

Passport Group is designed to develop knowledge and skills in the areas of social/emotional development, communication, and classroom behavior. Students learn how to interact with both peers and adults appropriately. The classroom environment is designed to enhance the emotional/personal adjustment competencies necessary to provide a successful educational experience.

# World Languages

\*Spanish I credit will be awarded to students that complete Honors Spanish in the 8th grade while attending NBHJ, QCJH, and EHS. The class will count as high school core credit if the student passes with a “C” or above in each semester. If a student receives a grade lower than a “C”, the student must pass the district proficiency assessment to earn each semester(s) credit.

## Spanish I

**Course Code: SPA100**

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

**Length of Course:** 1 Year

1 Credit

**Fee:** \$20

Students will learn basic vocabulary related to people, places, things and actions close to their own lives. They will express themselves in phrases, short sentences and memorized material exhibiting an emerging control of the most common basic grammatical forms and structures. Their written language will reflect what they can say. Students will gain an understanding and appreciation of the diversity of language and cultures.

## Spanish II

**Course Code: SPA200**

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

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Spanish I or demonstrated competency

**Fee:** \$20

Students will continue to learn vocabulary related to people, places, things and actions close to their own lives. Students will speak and write extemporaneously using short sentences and sentence strings on topics within their experience with the language. They will describe and answer questions; engage in simple conversations; and carry out simple realistic functions. In their written language, students will practice expressing their ideas more accurately using correct spelling and punctuation. Students will continue to gain an understanding and appreciation of the diversity of language and cultures.

## Honors Spanish III

**Course Code: SPA310**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit-Weighted

**Prerequisite:** Spanish I & II or demonstrated competency.

**Fee:** \$20

Students will build proficiency through the use of real world materials, such as films, broadcasts, newspaper and magazine articles, and contemporary literature. They will build on skills from previous Spanish classes to become more effective communicators. In written work, students will learn to express themselves in different ways and tailor arguments to different audiences. Students will continue to gain an understanding of the diversity of language and cultures.

## AP Spanish Language and Culture

**Course Code: SPA400**

**Grade Level:** 11, 12

**Length of Course:** 1 Year

1 Credit-Weighted

**Prerequisite:** Spanish III or demonstrated competency.

**Fee:** \$50

As per the College Board, this fourth-year Spanish 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. Additionally, this course engages students in an exploration of culture in both contemporary and historical contexts. Students will develop an awareness and appreciation of cultural products (tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, assumptions). To best facilitate the study of language and culture, this course is taught almost exclusively in Spanish. The AP-based curriculum is used to prepare students for the Advanced Placement Spanish Language and Culture Exam required at the end of the school year. : Students will be required to take the Advanced Placement test at the end of the school year.

## Mandarin Chinese I

**Course Code: MAN100**

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

**Length of Course:** 1 Year

1 Credit

**Fee:** \$20

This course will introduce students to the basic vocabulary, alphabet of Mandarin and the culture of China. Emphasis will be on listening, comprehension, and simple conversational skills. It will prepare the student to begin to read, write, speak and understand the language.

## Mandarin Chinese II

**Course Code: MAN200**

**Grade Level:** 10, 11, 12

**Length of Course:** 1 Year

1 Credit

**Prerequisite:** Mandarin Chinese I or equivalent study

**Fee:** \$20

This course will continue to build upon the basic vocabulary, grammar and conversation skills the students learned in the first year. Emphasis will be on daily dialogue practicing, short article/story reading, and free journal writing. Students also will explore further knowledge about Chinese history, culture, geography and current events.



Main Campus: 1601 W Main St, Mesa, AZ 85201 | (480) 461-4000

Power Campus: 6625 S Power Rd, Mesa, AZ 85212 | (480) 308-4600

Fountain Hills Campus 17,300 E. Calaveras Ave., Fountain Hills AZ 85268 | (480) 835-3100

Find us here:

<http://www.evit.com> | <http://facebook.com/EVITNews> | <http://twitter.com/EVITNews>

## **Frequently Asked Questions**

### **What is EVIT?**

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

### **EVIT's Mission**

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

### **EVIT's Vision**

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

### **EVIT's Purpose**

We Change Lives! We change lives by loving our students and serving our community.

### **Business/Industry and College Articulation**

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

## Career & Technical Student Organizations

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

SkillsUSA	Technical, skilled, and service careers
FCCLA	Family, Career, and Community Leaders of America
HOSA	HOSA Future Health Professionals
C-CAP	Careers through Culinary Arts Program
ERA	Educators Rising Arizona
FBLA	Future Business Leaders of America

### When do students register?

Students are encouraged to apply for EVIT programs as soon as our online registration open which is approximately Nov. 10. EVIT places students in a class on a first come/first serve basis. Students that have all required documentation in will be scheduled into a class. Once the class is full, students will be placed on a waiting list. Each high school has at least one designated counselor with materials and information regarding EVIT registration. For more information, call 480-461-4000 or visit [EVIT.com](http://EVIT.com).

### What is needed to register?

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

### How many credits can be earned?

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

### Do the credits from EVIT just count as electives?

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

EVIT program courses recognized as fulfilling core academic graduation requirements. Please check with your high school for specific information and acceptance of embedded credit.

### **What time are classes?**

Classes meet Monday through Friday from 8:05 to 10:35 a.m. or 12:05 to 2:35 p.m. Students have the option of attending the AM or PM session. They attend their home school during the other portion of the day. The class times for some programs, such as Cosmetology, Barbering and some medical programs may be extended to meet state certification requirements. Transportation to/from extended hour classes may not be provided by your district, please check with your home school if transportation is needed.

### **Are there fees?**

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

### **Are classes at EVIT offered to adults?**

Classes are available and open to adult students during the daytime, as space permits, and in the evening for some courses. Tuition is charged for adult students. For more information about programs for adult students, please contact the Adult Education @EVIT at (480) 461-4110 or visit [EVIT Adult Ed website](#).

## **EVIT High School Programs by Campus**

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



Course Code	Program Name	Main	East	A.J.	F.H.	Page
DA10/20/30	3D Animation	X				15
CS14/24	Aesthetics	X				16
AM10/20/30/35	Automotive Technologies	X				17
AV05/10/20/35	Aviation		X			18
BK10/20/30	Banking and Financial Services	X				19
CS15/25/35	Barbering	X				20
MC65/66	Behavioral, Mental and Social Health Services	X				21
IT12/20/22/23	Networking / Cyber Security*	X	X			22
IT13/40/45	Coding and Mobile App Design	X				23
AB10/20/30/35	Collision Repair	X				24
CU20/25/26	Commercial Baking and Pastry Arts	X				25
CT10/20/25	Construction	X		X		26
CS10/20/31	Cosmetology	X	X			27
LE10/20/25	Criminal Justice	X				28
CU10/15/16	Culinary Arts	X		X		29
MC60/61	Dental Assisting*	X				30
AM63/68/69/70	Diesel Technologies	X				31
IT11/30/35	Digital Device Diagnostic and Repair	X				32
CC10/20/25	Early Childhood Education	X		X		33
MC55/56	Emergency Medical Technician*	X				34
FIT11/13/25	Fashion Design and Merchandising	X				35
FIT12/14/35	Interior Design & Merchandising	X				36
FF10/20/21/22/25	Fire Science Academy	X				37
IT60/61/62/63	Future Engineers		X			38
MM30/35/40	Graphic/Web Design	X			X	39
AC10/20/25	Heating, Ventilation and Air Conditioning (HVAC)	X				40
HM10/20/25	Hospitality Management	X				42
MT10/20/30/35	Machining Technology	X				44
MA05/06/10/20	Massage Therapy	X				45
MC20/21/22/23	Medical Assistant*	X	X			46
MC30/31	Nursing Assistant*	X	X		X	47
MC57/58	Occupational Therapy Aide*	X				48
MC43/63	Pharmacy Technician*	X				49
MM02	Digital Photography*				X	50
MC45/46	Physical Therapy Technician*	X				51
PLB10/20/22	Plumbing	X				52
RB10/20/30	Radio/Audio Production	X				53
MC44/64	Veterinary Assistant*		X			54
TV10/20/30	Video Production	X			X	55
WD10/20/25	Welding	X		X		56

**\*These are second-year courses. Please see pre-requisites.**

# EVIT Registration and Counseling Department

## Andrea Macias, Registrar

Main Campus: 480-461-4109 • [amacias@evit.com](mailto:amacias@evit.com)

### High School & Adult

Course Scheduling, Grades, Transcripts, Data Collection & Management, Bi-Lingual Services

## Joyce Eagar-Lemons, High School Counselor

Main Campus: 480-461-4159 • [jeagar-lemons@evit.com](mailto:jeagar-lemons@evit.com)

Special Projects: Crisis, Reporting

**Programs:** Criminal Justice, Fire Science, and all Health Services programs.

## Jacob Hansen, High School Counselor

Main Campus: 480-461-4161 • [jhansen@evit.com](mailto:jhansen@evit.com)

Special Projects: McKinney-Vento, Keys, GED, Dual-Enrollment

**Programs:** 3D Animation, Automotive, Collision repair, Construction, Graphic Design, HVAC, ITEC, Plumbing, Radio, Video Productions, and Welding.

## David Pullman, High School Counselor

Power Campus: 480-308-4607 • [dpullman@evit.com](mailto:dpullman@evit.com)

Special Projects: Dual Enrollment

**Programs:** Aviation, Future Engineers, Medical Assistant, Nurse Assistant and Veterinary Assistant programs.

## Lori Rich, High School Counselor

Main & Power Campus: 480-461-4166 • [lrch@evit.com](mailto:lrch@evit.com)

Special Projects: Enrollment

**Programs:** Cosmetology, Aesthetics, Banking, Barbering, Culinary/Baking, Early childhood Education, Fashion Design and Interior Design.

## **Tony Niccum, STEPS - Special Education & IEP/504 Coordinator**

**Main & Power Campus:** 480-461-4154 • [tniccum@evit.com](mailto:tniccum@evit.com)

Special Projects: Keys to Success Foster Program, Behavioral Health, Social Services

## **Anita Aguinaga, Special Education Administrative Assistant**

**Main Campus:** 480-461-4155 • [aaguinaga@evit.com](mailto:aaguinaga@evit.com)

Special Projects: IEP/504 Accommodations Coordinator & Services

## **EVIT Recruitment Team**

### **Blair Howland, High School Recruiter**

**480-461-4036 • [bhowland@evit.com](mailto:bhowland@evit.com)**

Schools: Mesa Public Schools, Scottsdale Unified, Fountain Hills, Cave Creek, Apache Junction, JO Combs, Queen Creek, Higley and Charter Schools.

### **Cassi Perez, High School Recruiter**

**480-461-4162 • [cperez@evit.com](mailto:cperez@evit.com)**

Schools: Tempe Union, Chandler Unified, Gilbert Public Schools and Charter Schools.

# High School Counselor Steps to Register a Student for EVIT

1. Students should familiarize themselves with the curriculum and requirements for their program of choice. This can be done through the EVIT website or through this guide.
2. Students should be on track with credits to graduate and plan to dedicate at least three hours in their daily schedule to attend EVIT.

Morning session: 8:05 to 10:35 a.m.

Afternoon session: 12:05 to 2:35 p.m.

**Please note:** Cosmetology, Aesthetics, Barbering, 1-year Massage Therapy, & 1-year Medical Assistant have extended hours and meet from 7 a.m. to 11 a.m. or 12 p.m. to 4 p.m. Students may have to provide their own transportation for these programs. Afternoon sessions at the EVIT Fountain Hills campus are from 12:30pm – 3:00pm



EVIT Power Campus

3. Students should be informed of the date EVIT counselors will visit their campus.
4. Students should have the following documents in hand when meeting with EVIT counselors/completing online application:
  - Unofficial transcript
  - AZMerit or other standardized test scores (If GPA is below program minimum)
  - Attendance record (or rubric completed by home high school counselor)
  - Discipline record (or rubric completed by home high school counselor)
  - Proof of age (may be on transcript)
  - Immunization records



## Returning EVIT Students

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

## Walk-In Registration

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

Walk-In registration still requires the completion of an online application, which can be completed in our admissions department. Please advise your students that they will need to hand carry all required documents for their application to be scanned and uploaded by EVIT Admissions. Students will be reviewed and scheduled in order of online application, however EVIT admissions can let you know immediately if you meet the acceptance criteria. It is the student/parent responsibility to coordinate their schedules with their respective high school counselor.



[WWW.EVIT.COM](http://WWW.EVIT.COM)

**NOTE:** Any student interested in programs at EVIT may submit an application for consideration. The East Valley Institute of Technology does not discriminate on the basis of race, color, religion, national origin, sex, disability, age, sexual orientation or lack of English language skills in admission and access to its programs, services, activities or any aspect of its operations and provides equal access to designated youth groups. EVIT also does not discriminate in its hiring or employment practices. EVIT has a policy of non-retaliation against any person who makes a complaint, testifies or participates in an investigation or civil rights proceeding regarding prohibited discrimination. EVIT will not request or consider IEPs, 504 Plans or other disability-related information in its admissions process. For "Seniors only" courses, students must have a grade 12 equivalent in academic credits.

The following employees have been designated to handle inquiries regarding EVIT's nondiscrimination policies:

**Title IX/Title VII/EEOC Coordinator**

**EVIT Superintendent**

**1601 W. Main St., Mesa, AZ 85201**

**(480) 461-4000**

**superintendent@evit.com**

**Section 504/ADA Coordinator**

**Tony Niccum, STEPS**

**1601 W. Main St., Mesa, AZ 85201**

**(480) 461-4154**

**tniccum@evit.com**

## AGRICULTURE AND WELDING

### **Welding** WD10 • WD20 • WD25

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## COMMUNICATION MEDIA TECHNOLOGIES

**3D**

### **Animation** DA10 • DA20 • DA30

Bring creative ideas to life by combining traditional artistic skills and design techniques to develop projects in 3D animation, visual effects and game assets. You'll develop skills in environmental and character modeling, texturing, lighting, rigging, animation and more using industry standard software such as Maya, Z-brush, Adobe After Effects, and others. Students leave the class with a portfolio website and have the opportunity to become an Autodesk Certified User.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

### **Digital Photography** MM02 • MM03

This program prepares students interested in pursuing a career in a digital photography related field. Students will be challenged to utilize the latest digital photographic cameras and manipulate light, shadow and surrounding objects to capture images. Students use Adobe Photoshop and Illustrator to manipulate the images in unique and creative formats. Students work both individually and in teams to create layouts, portfolios, etc.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

### **Graphic/Web Design** MM30 • MM35 • MM40

This program will prepare students interested in pursuing a career in graphic and/or web design through multimedia related fields. Students will be challenged to learn the principles of graphic design, line, shape, pattern, form and color theory. Typography along with digital Pre-Press and Copyright laws will be taught to ensure student success. Students will use Adobe Illustrator, Photoshop and InDesign to manipulate images in unique and creative formats to develop commercial art-related specification sheets (or specs.) for assignments, social media applications and client-based projects. Students work individually

and in teams to create real-world projects, build digital portfolios & create portfolios and resumes. Students may also choose to learn the ins & outs of digital printing in EVIT's Digital Print Shop

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## COMMUNICATION MEDIA TECHNOLOGIES

### **Radio/Audio Production** RB10 • RB20 • RB30

EVIT's Radio/Audio Production Program is home to KPNG, 88.7FM The Pulse and KVIT, Neon 90.7FM, two fully functioning non-commercial radio stations. Student work is featured on both stations. The Radio/Audio Program also features a state of the art digital recording studio. Students will be trained in radio commercial, promo, and show production, music creation and production, journalism writing and reporting, media marketing, live sound production and more. Students have the option to focus on sports broadcasting, as EVIT Radio airs high school football, basketball and baseball/softball games during the school year all throughout the East Valley. Students can train to be play by play announcers, analysts, & even on-site live sound engineers. Students learn Pro Tools editing software, FL Studio music software, NextGen radio software and more.

**Pre-Requisites:** At least 6 high school credits, including 1 English credit 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

### **Video Production** TV10 • TV20 • TV30

Show off your creativity and explore the exciting process of video production in one of the largest green screen and production studios in Arizona. Learn all aspects of visual media productions, including film-making, event production, news, corporate event production, commercials, public service announcements (PSAs) and documentaries while using high-definition cameras. Students are also trained in animation, interactive video and web video production. Work with clients to produce various projects in a fully-equipped studio and audio bay while developing skills in editing, lighting, audio production and music creation.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**



## Early Childhood Education CC10 • CC20 • CC25

First year ECE I students focus on early childhood philosophy, childhood development, career opportunities and current issues in safety, health, nutrition and curriculum development. They gain hands-on experience in lab settings including our on-site lab school operated by Bright Ideas and off-site at a variety of Head Start programs. Second year ECE II students participate in a lab setting and focus on child guidance techniques, family dynamics, observation/assessment, advanced curriculum development and classroom management. This performance-based program allows for advancement that meets individual academic needs.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; Negative Tuberculosis test (all students tested in August) No criminal record (Arizona State Law requires students to sign a criminal history verification form)

**Dual Enrollment Available**

## ENGINEERING SCIENCES

### Future Engineers IT60 • IT61 • IT62 • IT63

This program will prepare students to pursue an education in engineering and related fields. Students will be challenged to develop solutions to engineering problems. The student will learn the skills to communicate, work in teams, solve mathematical, scientific and logistical problems. This will be accomplished through the use of lecture, laboratory work, guest speakers and industry field trips.

This course is a project based course where students learn to use of tools and engineering skills. Those students moving on to the second year class will work on a capstone project.

**Pre-Requisites:** At least 6 high school credits, including 1 Science credit: 'B' or better, 1 English credit: 'C' or better, 1 Algebra credit: 'C' or better, and concurrent enrollment in another Math course; On track to graduate or a plan for graduation; 2.5 GPA or equivalent standardized test scores

### Machining Technology MT10 • MT20 • MT30 • MT35

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

## Banking and Financial Services BK10 • BK20

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

**Pre-Requisites:** At least 6 high school credits, including 2 Math credits: 'C' or better and 1 English credit: 'C' or better  
On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

## INFORMATION TECHNOLOGIES

### Networking Academy & Cyber Security IT12 • IT20 • IT22 • IT23

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

### Coding & Mobile App Design IT13 • IT40 • IT45

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## **Digital Device Diagnostic and Repair** IT11 • IT30 • IT35

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## **FAMILY AND CONSUMER SCIENCES**

## **Commercial Baking and Pastry Arts** CU20 • CU25 • CU26

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; Foods I and/or Foods II or work experience in the field or teacher approval

**Dual Enrollment Available**

## **Culinary Arts** CU10 • CU15 • CU16

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## **Fashion Design & Merchandising I & II** FIT11 • FIT13 • FIT25

**Fashion 1 and 2:** This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories in the fashion industry. Learn about the elements and principles of design, clothing fabrics and textiles, the use of color and texture, retail business merchandising, fashion illustration, visual merchandising, sewing and pattern making. Transform these skills into wearable garments, participate in various EVIT events such as the annual Spring Fashion Show. Qualified students also have the opportunity to participate in FCCLA to compete in various events during the FCCLA Spring Conference.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## **Hospitality Management** HM10 • HM20

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; Foods I and/or Foods II or work experience in the field or teacher approval

**Dual Enrollment Available**

## FAMILY AND CONSUMER SCIENCES

## **Interior Design & Merchandising I & II** FIT12 • FIT14 • FIT35

**Interior 1 and 2:** This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories within the interior design industry. Learn about the elements and principles of design, interior fabrics and textiles, the use of color and texture, retail merchandising, visual merchandising, floor space planning, rendering and Chief Architect rendering. Transform these skills into becoming an interior design apprentice, creating elaborate sets and window displays, presentation boards and participate in various EVIT events and design shows. Qualified students also have the opportunity to participate in job shadowing or internships during their second year of the program or compete in the FCCLA interior design competition during FCCLA Spring Conference.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## HUMAN SERVICES

### **Aesthetics** CS14 • CS24

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

**Pre-Requisites:** At least 10 high school credits, including 2 English credits; On track to graduate or a plan for graduation ;2.0 GPA or equivalent standardized test scores

### **Barbering** CS15 • CS25 • CS35

Imagine having a fun, high-paying job that lets you use your creativity to make people look good! Skills learned in the Barbering Program focus on the care of hair, skin and nails. Technical training will include the theory of chemicals and hair coloring, cutting, styling, facial hair, clients safety, hygiene and customer relations. Students will provide services to the public in a working barber shop on the EVIT campus. After completing the 1,500- hour course, students are prepared to take to the State of Arizona Board of Barbers licensing exam.

**Pre-Requisites:** At least 10 high school credits, including 2 English credits; On track to graduate or a plan for graduation ;2.0 GPA or equivalent standardized test scores

### **Cosmetology** CS10 • CS20 • CS31

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

**Pre-Requisites:** At least 10 high school credits, including 2 English credits; On track to graduate or a plan for graduation ;2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## HEALTH SCIENCE TECHNOLOGIES

### **Behavioral, Mental & Social Health Services** MC65 • MC66

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

## **Dental Assisting** MC59 • MC60 • MC61

First year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course had state approved embedded credit for lab science for MC59 ONLY.** Second year students prepare for a dental career by learning about dental office operations such as instrument recognition and sterilization, radiography and laboratory processes, preparing patients for examinations and assisting with operational procedures. First semester, students concentrate on classroom learning, hands-on skills practice and x-ray certification. During the second semester, skills and experience are gained through internships at local dental offices. Students are required to complete an 80-hour externship. Flexible hours may be required depending upon clinical availability. Students must provide their own transportation to job shadowing or internship sites.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

## HEALTH SCIENCE TECHNOLOGIES

## **Emergency Medical Technician** MC37 • MC55 • MC56

First year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course had state approved embedded credit for lab science for MC37 ONLY.** Second year student will begin the DHS EMT course. Students will learn to recognize the signs and symptoms of illness and injury, assess and treat patients, administer oxygen and provide basic medical care. Training consists of coursework and hands-on experience designed to prepare students to administer immediate care, stabilization and immobilization of victims in emergency situations. During the second semester, students will have an opportunity to complete 10 to 20 hours of clinical externship hours in an emergency room. Weekend and/or extended hours will be required for clinical. Students must provide their own transportation to the clinical site.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

## Massage Therapy MA05 • MA06 • MA10 • MA20

Study Western and Eastern massage modalities, including Swedish, Sports, Chair, Hot Stone and Reflexology.

Coursework also includes anatomy and physiology, pathology, hygiene, ethics and business practices. Students prepare for their state certification by completing 700 hours of hands-on training in the public clinic on campus and at community events.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

## Medical Assistant MC19 • MC20 • MC21 • MC22 • MC23

First year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course had state approved embedded credit for lab science for MC19 ONLY.** Medical Assistants are educated and trained to perform administrative and clinical skills in a variety of settings, including doctors' offices, hospitals and clinics. Learn medical terminology, body systems, EKG, phlebotomy, autoclave, CPR and first aid, OSHA safety standards and other medical specialties. Gain an understanding of office procedures such as patient billing, medical records, purchasing and filing of insurance claims. Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability. Student must provide their own transportation to the clinical sites.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

### HEALTH SCIENCE TECHNOLOGIES

## Nursing Assistant MC29• MC30• MC31

First year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course had state approved embedded credit for lab science for MC29 ONLY.** Nursing Assistant works under the supervision of a nurse to provide daily basic care for patients in hospitals, physician's offices, private homes, clinics and assisted living facilities. First semester, learn CPR, anatomy and physiology, medical terminology, vital signs, hygiene, human reproduction, basic nutrition and patient

care. During the second semester, students work in clinical settings to master the skills required for the state certification exam. Flexible hours are required and depend upon the availability of clinical sites. Weekend and/or extended days may be required. Student must provide their own transportation to the clinical sites.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

## **Occupational Therapy Aide** MC39•MC57• MC58

First year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course had state approved embedded credit for lab science for MC39 ONLY.**

Occupational therapists help people with physical or mental disabilities gain the skills they need to be as independent as possible. In this class you will explore the dynamic history and philosophy of occupational therapy, understand the difference between and occupational therapist, occupational therapy assistance and occupational therapy Aide. Students will experience hands on learning of job skills needed to gain employment as an occupational therapy aide, rehabilitation provider. Qualified students will participate in clinical experiences to gain valuable on the job experiences. Students must provide transportation to clinical experiences.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

## **Pharmacy Technician** MC43 • MC63

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**



## Physical Therapy Technician MC38 • MC45 • MC46

First year students study anatomy, physiology, medical terminology, nutrition, human growth and development, human diseases, infection control and human reproduction using a hands-on, project-based approach. Collaborative lab work and dissections are also an integral part of this course. **This course had state approved embedded credit for lab science for MC38 ONLY.** Physical therapist technicians and chiropractic assistants help doctors in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better  
Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

## Veterinary Assistant MC14 • MC44 • MC64

Prepare for a career in the veterinary field while learning the skills that will allow you to work with all creatures, large and small. Integrate your love for animals with medical knowledge such as assisting with radiographs, assisting with venipuncture, assisting with administering medications and vaccines, performing animal restraint and assisting with surgery, performing various laboratory procedures and assisting with general exams. During the first year students focus on anatomy and physiology of animal species, hands-on skills and practical applications. During second year students improve upon their skills through job shadowing and externships at local shelters, small and large animal practices and wildlife facilities. Students will be exposed to a variety of well and sick animals. Student must provide their own transportation to job shadowing and externship sites. Flexible hours may be required depending upon clinical availability.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit and 1 English credit: both 'C' or better  
Biology (may be taken concurrently); On track to graduate or a plan for graduation; 2.5 GPA or equivalent standardized test scores

**\*Students may be randomly drug tested\***

**Dual Enrollment Available**

## INDUSTRIAL TECHNOLOGIES

## Construction CT10 • CT20 • CT25

Learn to build a structure from the ground up! Develop hands-on skills in various disciplines of commercial and residential construction including electrical wiring, plumbing, masonry, framing, roofing, drywall and finish work. Students also gain an understanding of safety, the use of hand and power tools, blueprint reading, and estimating and construction operations. Students will have the opportunity to obtain the OSHA 10-hour card in Construction.

Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## INDUSTRIAL TECHNOLOGIES

### Heating, Ventilation and Air Conditioning (HVAC) AC10 • AC20 • AC25

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

### Plumbing PLB10 • PLB20 • PLB22

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math credit: 'C' or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## PUBLIC SERVICE CAREERS

### Criminal Justice LE10 • LE20 • LE25

Prepare for a career in the Criminal Justice System. Training includes basic crime scene investigations, forensics, report writing, court functions, jail functions, interrogation skills, police functions and physical fitness. Students will gain a strong foundation in interpersonal and soft skills, which will help them in entering a career in the criminal justice system, including law enforcement, courts, jails, correctional institutions, and probation and parole. The program will prepare students for military service, college, or employment in criminal justice.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit-‘C’ or better; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; No criminal history

**Dual Enrollment Available**

## PUBLIC SERVICE CAREERS

### Fire Science FF10 • FF20 • FF21 • FF22 • FF25

Prepare for employment in the fire and emergency services, learning how to protect, educate and serve the public. Gain experience through various hands-on training skills, including live fire training, search and rescue, high rise tower drills and operation of fire apparatus and equipment. The first year provides an overview of basic fire science fundamentals and technical rescue. The Second-year students continue fire service training into more advanced areas including wildland firefighter, Emergency medical technician, vehicle extrication, employability, driver operator of emergency vehicles, aircraft rescue firefighting, preparing for firefighter candidate physical fitness test which include strenuous physical activity, including running and completion of strenuous hands on physical activities related to fire fighting. Also included in second year is hazardous materials response and live fire training. This course requires a physician's school physical.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; No Criminal History; Biology and/or Chemistry (may be taken concurrently)

**Dual Enrollment Available**

## TRANSPORTATION TECHNOLOGIES

### Automotive Technologies AM10 • AM20 • AM30 • AM35

Train for a career in the automotive industry through Automotive Service Excellence Technicians Education Foundation certified instruction and Automotive Service Excellence (ASE) certified instructors. This program focuses on employment standards that prepare students for the workforce. Learn all aspects of auto repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model automobiles and participate in work-based internship and job shadowing.

**Pre-Requisites:** At least 6 high school credits, including 1 Math (Algebra ‘C’ or better) and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

**Dual Enrollment Available**

### Aviation AV05 • AV10 • AV20 • AV35

Explore the exciting world of aviation through classroom experiences and hands-on lab work. Learn about the history of aviation, job opportunities and “hands-on” skill sets require for careers in areas such as air transportation operations, air traffic control, airframe and power-plant maintenance, professional pilot, airport management and unmanned aircraft systems (UAS) operations. Advanced Aviation Year 2 includes several more dual enrollment classes applicable to the aviation degrees. Several options are available to begin your flight training in the second semester. This includes both airplanes and rotorcraft. Those not entering flight training will be involved in an internship.

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.5 GPA or equivalent standardized test scores

**Dual Enrollment Available**

## TRANSPORTATION TECHNOLOGIES

### **Collision Repair** AB10 • AB20 • AB30 • AB35

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores

### **Diesel Technologies** AM63 • AM68 • AM69 • AM70

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

**Pre-Requisites:** At least 6 high school credits, including 1 Math and 1 English credit; On track to graduate or a plan for graduation; 2.0 GPA or equivalent standardized test scores; Recommended: Prior knowledge/experience with basic automotive repair

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

