

REGISTRATION & SCHEDULE CHANGE PROCEDURES

This catalog contains the Queen Creek High School curriculum. Pre-registration is conducted during the spring for the following school year. Counselors will meet with students to distribute registration materials. 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.

Teachers and counselors are available to assist students in selecting the courses that will help them be successful at Queen Creek High School.

HAVE YOU DONE ALL OF THESE THINGS?

- 1) Completed your course registration form AND selected both priority and alternate elective classes
- 2) Obtained parent/guardian and student signatures on the registration form
- 3) Students not currently enrolled in a Queen Creek Unified School District school must complete a Queen Creek High School Registration Package prior to course registration.

IF YOU HAVEN'T COMPLETED ALL THESE STEPS, YOU ARE NOT REGISTERED FOR THE NEXT SCHOOL YEAR! STUDENTS WHO FAIL TO COMPLETE THIS 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.** In the spring, students will have the opportunity to view courses in which they are registered for in the next school year. At that time, they will be given the final opportunity to make a change to their elective courses. **No elective changes will be processed over the summer, during Bookstore Days, or once school begins.**
- 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 10th day of school.
- 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 10th 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 Ed (CTE), Physical Education, Foreign Language, etc. courses.

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Graduation requirements are as follows:

Courses:	English	Math	Science	Social Studies	Practical or Fine Art	Modern Language	Physical Education	Electives	Total Credits
Graduation Requirements	4	4	3	3	1	0	1	6	22
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 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 AIMS test (life science) Credit can also be earned by taking designated courses in the Agricultural Education department.

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. Economics credit can also be earned by taking designated courses in the Marketing Education department.

Physical Education (1 credit):

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

Art (Fine or Practical) (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 seven credits of elective course offerings. Students may only earn one (1) of their elective credits through a student aide position.

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:

Following the guidelines provided to us by the Arizona Department of Education, all students are required to take the AzMerit End-of-Course (EOC) tests. AzMerit End-of-Course tests are ELA 9, ELA 10, ELA 11, Algebra I, Geometry, and Algebra II. Additionally, all students enrolled in Biology are required to participate in Arizona's Instrument to Measure Standards (AIMS) Science test. Both AzMerit and AIMS scores are currently not required for graduation but will be included on student's transcripts.

New Civics Test Requirement:

In 2015, the Arizona legislature passed the American Civics Act (House Bill 2064). This bill will require students, beginning with the graduating class of 2017, 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, sophomore, and juniors are required to enroll in a minimum of six courses. Graduating seniors will be required to enroll in a minimum of five classes effective with the class of 2010 and thereafter.

Queen Creek High School – 4 Year Plan

9th	10th	11th	12th	<i>Totals</i>
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	Elective	Elective	4
Elective	Elective	Elective	Elective	4

6 Credits	6 Credits	6 Credits	6 Credits	24 (22) (22 Required for graduation.)
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- 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, Aerobics, Personal Fitness, Weights, Co-ed PE)
 - 1 Credit of Arts (Fine or Practical)
 - 6 additional elective credits
 - Successful completion of the New Civics Test Requirement
 - 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.

AP & Dual Enrollment Courses in 2016-2017

ENGLISH

English 11 Honors – Grade Level: 11 Dual Enrollment Credit ENH110-113

AP Language and Composition – Grade Level: 11

English 12 Honors – Grade Level: 12 Dual Enrollment Credit ENG101-102

AP Literature and Composition – Grade Level: 12

MATH

College Pre-Calculus – Grade Level: 11, 12 Dual Enrollment Credit MAT152/182

Honors College Pre-Calculus – Grade Level: 11, 12 Dual Enrollment Credit MAT187

AP Honors Calculus – Grade Level: 12 Dual Enrollment Credit MAT221

SCIENCE

AP Biology – Grade Level: 11, 12 Dual Enrollment Credit BIO101-107

AP Chemistry – Grade Level: 11, 12

AP Physics 1 – Grade Level: 11, 12

AP Physics 2 – Grade Level: 12

SOCIAL STUDIES

AP World History – Grade Level: 11, 12

AP US History – Grade Level: 11, 12

Graduation Requirements:

4 Years of English

4 Years of Math (Algebra 1 and higher)

3 Years of Science

3 Years of Social Studies

1 Physical Education Credit

1 Credit of a Fine or Practical Art

ELECTIVES

Carpentry I - Grade Level: 9, 10, 11, 12 Dual Enrollment Credit ABA101

Carpentry II- Grade Level: 10, 11, 12 Dual Enrollment Credit ABA120, SUN112, ABC121, SUN105, SUN210

Marketing II – Grade Level: 10, 11, 12 Dual Enrollment Credit MKT271

Sports Medicine III – Grade Level: 11, 12 Dual Enrollment Credit HES271

AP Psychology – Grade Level: 11, 12

AP Music Theory- Grade Level: 10, 11, 12

AP Human Geography – Grade Level: 10, 11, 12

AP European History – Grade Level: 10, 11, 12

Honors Spanish III – Grade Level: 10, 11, 12 Dual Enrollment Credit WL310W

Honors Biotechnology I – Grade 10, 11, 12

Honors Biotechnology II – Grade Level: 11, 12

Visit <http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp> to find colleges and universities that offer credit or placement for AP scores. Credits and placement awarded will vary by college and by student's AP test score.

General School Information

Course Credit - QCHS 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).
- Newell Barney Junior High School students may receive high school credit for Algebra I and Spanish 1 by successfully completing each semester with an “A” or a “B” and by passing the QCHS comprehensive exam (for both semesters) at 75% or higher. Credits will be recorded onto the students’ high school transcript with NBJH letter grades attached. These grades will be counted into the students’ cumulative grade point average.
- Students attempting to earn credits at sites other than QCHS must consult with 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. For credit to be awarded, the transfer credit must be submitted to QCHS on an official high school transcript from an accredited high school. Please note that the QCHS Registrar MUST receive correspondence course grades one week prior to the end of the current school year in order to earn credit for that school year.
- If a student withdraws from a semester course after the nine week grading period, 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.’

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

College Credit/Dual Enrollment

Credit for college courses, while attending high school, can be earned through dual enrollment courses. Queen Creek High School and Maricopa Community Colleges 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 and purchase the required textbook. They may also need to pass the ASSET or Accuplacer test. The registration and tuition payment process will be handled in the individual courses. Upon successful completion of these courses, students may transfer the 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 elective credit only as long as the course is NOT currently offered at QCHS. 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 Guidance Department for help determining transfer credits.

Early Graduation

Students desiring early high school graduation must submit a written statement to the high school principal. While all graduation requirements must be met by the early completion date, diplomas will be awarded only at the completion of the spring semester.

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 file an appeal for graduation consideration with the principal.

New students entering QCHS from another district or state will be classified based on the number of credits they have earned from the previous school:

Senior _____ a student who has earned 15 credits when school opens in the fall
Junior _____ a student who has earned 10 credits when school opens in the fall
Sophomore _____ a student who has earned 5 credits when school opens in the fall
Freshman _____ a student who has fewer than 5 credits when school opens in the fall

Students Registering After the 20th Day of the Semester

If a student registers after the 20th day of a semester and/or has not attended *any* school during the past 20 school days, the student will be registered on an audit basis and no credit will be awarded. The Guidance Department will assist late registrants in examining alternatives to earn credit. Special circumstances may be dealt with on a case by case basis.

Graduation Deficiencies

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

Distance Learning Credits - Students currently enrolled in Queen Creek Unified School District (QCUSD) are allowed up to three total distance learning/correspondence credits toward their graduation requirements. An appeal for additional distance learning/correspondence credits may be filed with the Principal or designee. Students may earn distance learning credits with the following additional restrictions:

- Courses must be taken at an accredited institution.
- Freshmen and sophomores cannot use distance learning to replace courses that have been designated for state mandated testing.
- Distant Learning grades are non-weighted.
- Students cannot be concurrently enrolled at another educational institution while attending Queen Creek High School.

Distance Learning Program

The purpose of QCHS Distance Learning Program is to provide the students of Queen Creek High School a flexible learning opportunity through on-line classes. Students will be taking the QCHS Distance Learning classes independently from their regular classes at Queen Creek High School. These self-paced courses are excellent for students who need credit recovery and for those who would like to earn additional credits. Per District Policy, students may only earn a total of 3 Full Credits through correspondence sources to be used toward graduation, including the QCHS Distance Learning Program.

Cost: 1 Semester/.5 credit \$150, Full year/up to 3 credits \$300

Courses Offered Semester 1 Courses (A), Semester 2 Courses (B)

English 9	EN100	A	B
English 10	EN200	A	B

Algebra 1	MA100	A	B
Geometry	MA200	A	B

Intro to Art	FA100	A
Art History	FA172	A

English 11	EN300	A	B
English 12	EN400	A	B

Algebra II	MA301	A	B
Algebraic Functions 1	MA302	A	B
Algebraic Functions 2	MA407	A	B
Math Applications	MA406	A	B
Math Modes & Apps	MA405	A	B
Pre-Calculus	MA401	A	B

Psychology	EL112	A	
Sociology	EL117	A	B
Geography	EL171	A	B
Audio Engineering	EL172	A	
Nursing Assistant	EL173	A	B
Pharmacy Technician	EL174	A	B
Health	EL119	A	B
Computer Applications	EL118	A	
Academic Success Strategies	EL103	A	
Career Planning/Development	EL120	A	

World Studies	SS200	A	B
US/AZ History	SS300	A	B
Economics	SS400	A	
US Government	SS401	A	

Spanish 1	WL100	A	B
Spanish 2	WL200	A&B	
Spanish 3	WL300	A&B	
French 1	WL101	A&B	
French 2	WL201	A&B	
French 3	WL301	A&B	

*Biology	SC200	A	B
*Environmental Sci	SC300	A	B
*Physical Science	SC302	A	B
*Chemistry	SC301	A	B
*Physics	SC400	A	B

**Physical Education	PE100	A	
***Physical Education	PE100		B
****Work Experience	EL115	A	B

* Online science courses may not meet university entrance requirements for lab science credit

** 1 Semester only. 4 Online units required combined with 60 documented hours of physical activity.

*** Up to 5 additional semesters. Prerequisite: Physical Ed A. 120 document hours of physical activity.

****Work Experience is for Seniors only. Students must receive pay for their job and comply with state and federal laws pertaining to wages, taxes, etc. Students will turn in their pay stubs for proof of work experience hours and are required to write an essay upon completion of the 120 hours (½ credit = 1 semester credit = 120 hours, 1 credit = 1 full year credit = 240 hours). Please see your Counselor for registration and payment information for Work Experience.

Grades

Students attending QCHS will be assessed using the following grading scales. Students will be expected to follow the Academic Misconduct and Cheating policy (plagiarism) as outlined in the student handbook.

Grading Scale	GPA	Weighted GPA
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 Student Assistant, 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.)

NCAA (National Collegiate Athletic Association) Eligibility

All perspective 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.

Lab Fees

Lab 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.

Scholarship and Financial Aid

Specific information regarding college scholarships and financial aid may be obtained from the Guidance Counseling Department. Scholarships are continuously updated on the Queen Creek High School website.

East Valley Institute of Technology (EVIT)

Queen Creek High School cooperates with the East Valley Institute of Technology (EVIT). EVIT is a specialized school that offers high school level technical training in 13 cluster areas. Completion of a series of courses culminates with a Skill Profile indicating the degree of competencies for entry-level job positions. EVIT training can also lead to advanced education in the students’ chosen fields of study. EVIT students attend vocational/technical courses one-half of each day while the other half is spent at QCHS. See all EVIT course listings at the end of this catalog.

Honor Roll

1. Students must be enrolled in at least 4 classes that determine GPA.
2. Students may have no grade below a B.
3. Students must have a grade point average between 3.25 and 3.74 for Honor Roll.
4. Students must have a grade point average of 3.75 or above for the Principal’s List.
5. Students who are on the Principal’s List for the first three quarters will receive an Academic Letter at the Academic Awards Ceremony.

HONORS

Honors courses are designed to provide a more challenging, sequential course of study that fosters academic performance leading to successful completion of Advanced Placement or Dual Enrollment courses and in preparation for college level work. To fulfill this purpose, these courses demand more challenging engagement by students in building upon and extending the standard requirements of study. The curriculum has been specifically designed with an emphasis on academic literacy as demonstrated by interpretation, analysis, constructive criticism and creation of knowledge that is more rigorous, sophisticate and/or accelerated than a standard course. Guided and independent research is required, and a higher standard of performance is evidenced in the quality of work demanded not just in quantity of work provided. Indicators of success in Honors include, but are limited to: proven academic performance, placement assessment, study habits, work ethic and literacy skills. If you and your child believe that he/she is up for the challenge we encourage you to sign up for the class at the time of registration.

ADVANCED PLACEMENT PROGRAM (AP)

Advanced Placement Programs are college-level courses and the College Entrance Examination Board governs examinations. Students who attain acceptable scores on the exams may qualify for college credits, advanced placement, or exemption from certain courses. Students are expected to take the AP exam in the spring but are not required for High School Credit. 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. Students enrolled in a third or fourth year foreign language course are also expected to take the AP exams. 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.

Contact your school's AP Coordinator for more information.

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 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.

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.

Career & Technical Education (CTE)

Career and Technical Education consists of 12 program areas. Each 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 (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 not required that all classes in a program be taken, however the opportunity to really study hands-on in a field of interest is offered.

All CTE courses are associated with a Career and Technical Education Student Organization (CTSO). CTSO's include DECA, FFCLA, FFA, HOSA, and Skills USA. 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. QCHS CTE credits will meet all In-State University requirements for CTE or Fine Arts credit. Please take a few moments to look through the exciting courses Queen Creek CTE has to offer.

Agriculture Business Management/Agriscience	
1st Year	Intro to Agriculture
2nd Year	Applied Biological Systems
3rd Year	Agriscience I : Plant Science
4th Year	Agriscience II: Animal Science
Optional	Agricultural Leadership Development
Seniors	Agriscience Internship
Bioscience	
1st Year	Honors Biotechnology I
2nd Year	Honors Biotechnology II
Seniors	Bioscience Internship
Construction Technology	
1st Year	Carpentry I
2nd Year	Carpentry II
Seniors	Carpentry Internship
Culinary Arts	
1st Year	Culinary Arts I
2nd Year	Culinary Arts II
Seniors	Culinary Internship
Design & Merchandising	
1st Year	Fashion Design & Merchandising I
2nd Year	Fashion Design & Merchandising II
Seniors	Fashion Internship
Early Childhood Education	
1st Year	Early Childhood Education I
2nd Year	Early Childhood Education II
Optional	TOYBOX Preschool Lab
Seniors	Early Childhood Education Internship

Engineering Sciences	
1st Year	Engineering & Robotics I
2nd Year	Engineering & Robotics II
3rd Year	Engineering & Robotics III
Seniors	Engineering Internship
Graphic Communications	
1st Year	Graphic Design I
2nd Year	Graphic Design II
3rd Year	Graphic Design III
Seniors	Graphic Design Internship
Performing Arts & Entertainment	
1st Year	Technical Theatre I
2nd Year	Technical Theatre II
3rd Year	Technical Theatre Internship
Professional Sales & Marketing	
1st Year	Marketing I
2nd Year	Marketing II
Optional	Marketing Lab (Spirit Store)
Seniors	Marketing Internship
Sports Medicine & Rehabilitation Services	
1st Year	Sports Medicine I
2nd Year	Sports Medicine II
Optional	Sports Medicine III: Athletic Training
Seniors	Health Occupations Internship
Video Production	
1st Year	Film & TV I
2nd Year	Film & TV II
3rd Year	Film & TV III
Seniors	Film & TV Internship

●CTE Agriculture Business Management /Agriscience●

*Students will satisfy one credit of a lab science (meeting graduation and university requirements) when they complete two full credits of Agriculture electives.

Introduction to Agriculture

Course Code: PA9000

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab fee: Per Fee Schedule

This course, if taken with Applied Biological Systems, will satisfy 1 high school science credit and may fulfill a university lab science requirement. If taken for only 1 year, student will receive elective credit.

Students will learn the major areas of study of plant growth and production, environmental science, job skills, and leadership skills through FFA. Students will work with local businesses and community organizations to help develop community relations skills. 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. The Arizona Department of Education CTE Agriculture Plant Systems standards are taught in this course and throughout the Agriculture Program.

Applied Biological Systems

Course Code: PA9001

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Introduction to Agriculture

Lab fee: Per Fee Schedule

Completion of this class, combined with completion of Introduction to Agriculture, will satisfy 1 high school science credit and may fulfill 1 university lab science requirement.

ABS introduces students to a hands-on laboratory environment designed for those who are interested in animal science. Students will learn the principles of animal growth and production, principles of nutrition and animal health needs. Additional areas of instruction will include wildlife management, animal identification, animal anatomy and physiology. 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 I: Plant Science

Course Code: PA9002

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Applied Biological Systems

Lab fee: Per Fee Schedule

Students may be concurrently enrolled in Agriscience I & II.

This course, if taken with Agriscience II, will satisfy 1 credit of high school lab science and 1 credit of elective. Students must verify with counseling department if this class will satisfy university and/or NCAA requirements.

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 will 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)

Agriscience II: Animal Science

Course Code: PA9003

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisite: Applied Biological Systems and Agriscience I

Lab fee: Per Fee Schedule

Students may be concurrently enrolled in Agriscience I & II.

Completion of this class and completion of Agriscience I, will satisfy 1 credit of high school lab science. Students must verify with counseling department if this class will satisfy university and/or NCAA requirements.

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).

Agricultural Leadership Development**NEW!****Course Code: PA9006****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Successful completion of an Agriculture course & application approval**Lab fee:** Per Fee Schedule

Completion of this class, combined with completion of Introduction to Agriculture, will satisfy 1 high school science lab science.

Students must verify with counseling department if this class will satisfy university and/or NCAA requirements.

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

Agriscience Internship**Course Code: PA9005****Grade Level:** 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Intro to Agriculture, ABS, Agriscience I and teacher approval**Lab fee:** Per Fee Schedule

This course may be taken concurrently with Agriscience I or II.

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 program teacher. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 165 hours. 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.

●CTE Bioscience●

Honors Biotechnology I

Course Code: SC305W

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Prerequisites: Required: Biology (C or higher) and Algebra I (C or higher)

Lab Fee: Per Fee Schedule

This course meets university entrance requirements for lab science credit.

This course introduces students to the exciting field of biotechnology. Students will be introduced to topics such as chemistry, biochemistry, DNA structure, protein structure, microscope techniques, biotech laboratory skills, DNA isolation and analysis, protein isolation and analysis along with Assay development. Students will also be exposed to bioethics and biotech career paths. Students will be expected to demonstrate proper lab safety procedures and skills. Students will be expected to keep a detailed legal scientific lab notebook covering all of the lab activities throughout the year. 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 taught in this course and throughout the Bioscience Program.

Due to the extensive laboratory exposure students will have and the nature of writing lab reports and analyzing data, this course is considered a weighted or honors course. The expectation will be that students will apply prior and acquired knowledge to the laboratory experience to draw appropriate conclusions and demonstrate those conclusions in a written and/or verbal form.

This course is listed in both CTE and Science Departments.

Honors Biotechnology II

Course Code: SC306W

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Prerequisites: Biotechnology I (C or higher)

Lab Fee: Per Fee Schedule

Dual Enrollment college credit may be available

This course meets university entrance requirements for lab science credit.

This course is designed as a continuation of Biotechnology I. Students will continue to apply biotechnology lab skills learned from Biotechnology I as they explore new concepts such as concentration assays, recombinant biotechnology and practical applications of biotechnology (e.g. identifying potential biotechnology products and plant and animal biotechnology). Students will also work on harvesting protein products, plant propagation, and practical applications of biotechnology in agriculture and horticulture. Students will participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA).

Due to the extensive laboratory exposure students will have and the nature of writing lab reports and analyzing data, this course is considered a weighted or honors course. The expectation will be that students will apply prior and acquired

knowledge to the laboratory experience to draw appropriate conclusions and demonstrate those conclusions in a written and/or verbal form.

This course is listed in both CTE and Science Departments.

Bioscience Internship

Course Code: PA9141

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisites: Bioscience I & II and teacher approval

Lab fee: Per Fee Schedule

This course is a year-long course devoted to the application of the technical skills gained through the Bioscience program. Students will participate in a paid or unpaid internship off campus to practice and 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 165 hours. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, HOSA.

●CTE Construction Technology●

Carpentry I

Course Code: PA9050

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab fee: Per Fee Schedule with option to purchase higher grade materials as desired

College credit may be available for this course. Please see 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: PA9051

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite Carpentry I

Lab fee: Per Fee Schedule with option to purchase higher grade materials as desired

College credit may be available for this course. Please see 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 Internship

Course Code: PA9054

Grade Level: 12	Length of Course: 1 Year	1 Credit
Prerequisite Carpentry I, II and teacher approval		
Lab fee: Per Fee Schedule		

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 off campus to practice and improve their skills in the Construction and Carpentry 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 165 hours. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

●CTE Culinary Arts●

Culinary Arts I

Course Code: PA9060

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Lab fee: Per Fee Schedule		

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: PA9061

Grade Level: 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Culinary Arts I		
Lab fee: Per Fee Schedule		

Culinary Arts 2 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: PA9063

Grade Level: 12	Length of Course: 1 Year	1 Credit
Prerequisite Culinary I, II and teacher approval		
Lab fee: Per Fee Schedule		

This course can be taken concurrently with Culinary II.

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 off campus to practice and improve their skills in the

Culinary and Hospitality 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 165 hours. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, FCCLA.

● CTE Design and Merchandising ●

Fashion Design & Merchandising I

Course Code: PA9070

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab Fee: Per Fee Schedule

Topics included in this class are color, elements and principles of design as related to clothing, home furnishings, and decoration. Students also learn about the retail and business side of the fashion design industry. Students will also sample careers in the fashion industry. Students will utilize a variety of equipment including the sewing machine, serger, embroidery machine, as well as dress forms and basic crafting/sewing tools. Upon completion of this course, students will be prepared to enter the Fashion II class where they will work more in-depth on concepts related to those areas. Membership in the state-approved CTE Career & Technical Student Organization, FCCLA, is part of this class and competition associated with curriculum is highly encouraged. The Arizona Department of Education CTE Fashion Design and Merchandising standards are taught in this course and throughout the Fashion Program.

Fashion Design & Merchandising II

Course Code: PA9071

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Fashion Design & Merchandising I

Lab Fee: Per Fee Schedule

Fashion II prepares students for employment in a variety of careers in the fashion industry including apparel design, sales, display, and store/department management. Topics include interpreting patterns, components of fabric construction, basic clothing construction techniques and how to choose clothing that is appropriate for figure type and personality. Students will also learn how sales and marketing is used in this industry and how to work with business and community groups to

learn customer service skills. Students will utilize a variety of equipment including the sewing machine, serger, embroidery machine, as well as dress forms and basic crafting/sewing tools. Students will also organize and put on an end of the year showcase of their portfolios of work in conjunction with FCCLA. Membership in the state-approved CTE Career & Technical Student Organization, FCCLA, is part of this class and competition associated with curriculum is highly encouraged.

Fashion Internship

Course Code: PA9076

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisite Fashion Design & Merchandising I, II and teacher approval

Lab fee: Per Fee Schedule

This course is a year-long course devoted to the application of the technical skills gained through the Fashion Design & Merchandising program. Students will participate in a paid or unpaid internship off campus to practice and improve their skills in the Fashion and Design Industries. Appropriate internship placement assistance will be provided by the program teacher. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 165 hours. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, FCCLA.

● CTE Early Childhood Education ●

Early Childhood Education I

Course Code: PA9030

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab Fee: Per Fee Schedule

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. Participation in the state-approved CTE Career & Technical Student Organization, Family Career and Community Leaders of America (FCCLA), is part of this curriculum. 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: PA9031

Grade Level: 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Early Childhood Education I		
Lab Fee: Per Fee Schedule		

This 1 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 1st Aide 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. Participation in the state-approved CTE Career & Technical Student Organization, Family Career and Community Leaders of America (FCCLA), is part of this curriculum.

TOYBOX Preschool Lab

Course Code: PA9032

Grade Level: 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Early Childhood Education I & II		
Lab Fee: Per Fee Schedule		

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

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. This course can be taken concurrently with Early Childhood Education II. 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: PA9034

Grade Level: 12	Length of Course: 1 Year	1 Credit
Prerequisite: Early Childhood Education I, II and teacher approval		
Lab fee: Per Fee Schedule		

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 off campus to practice and improve their skills in the field of Early Childhood Education. Appropriate internship placement assistance will be provided by the program teacher. All students are required to comply with all industry and placement specific regulations. Students must work a minimum of 165 hours. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, FCCLA.

●CTE Engineering Sciences●

Engineering & Robotics I

Course Code: PA9140

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Algebra I (B or higher)		
Lab fee: Per Fee Schedule		

This course will introduce students to digital and analog electronic devices, perform various electronic tasks, as well as build and program robotics. Students will participate in hands on activities with integrated mathematics, drafting tasks, and CNC tasks. Students will participate in the state-approved CTE Career & Technical student organization, SkillsUSA, as part of the curriculum and class. Students will also participate in the VEX Robotics Competition (VRC) as an application of what is learned in class. Students are encouraged to join the Robotics Club to participate in the VRC. The Arizona Department of Education CTE Engineering Sciences standards are taught in this course and throughout the Engineering Program.

Engineering & Robotics II

Course Code: PA9141

Grade Level: 10, 11, 12 **Length of Course:** 1 Year **1 Credit**

Prerequisite: Pre-Engineering I (C or better)

Lab fee: Per Fee Schedule

This course may satisfy 1 credit of high school Lab Science required for graduation. Please see your counselor

This course is a continuation of Pre-Engineering (Robotics). Students will continue to learn how to code in EasyC, continue to learn mechanical and electrical design. Students will continue to be required to maintain an official, legal Engineering Notebook. In addition, students will be exposed to Solid Works with the opportunity of certification upon successful completion and examination. Students will be exposed to 3D printing and required to design, fabricate and market an engineering product. Students will also be exposed to drone construction, practical use and application. 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. In addition, students will be able to participate in the world renown program VEX Robotics Competition (VRC).

Engineering & Robotics III

NEW!

Course Code: PA9142

Grade Level: 11, 12 **Length of Course:** 1 Year **1 Credit**

Prerequisite: Engineering II (C or better)

Lab fee: Per Fee Schedule

This course may satisfy 1 credit of high school mathematics required for graduation. Please see your counselor.

College credit may be available for this course. Please see instructor.

This course is the culmination of the Engineering & Robotics Program. Students will be exposed to new forms of robotics, pneumatics, Raspberry Pi, App construction and special projects. The special projects are to be determined but may include solar car, a replica of a human arm with 5 degrees of freedom, 3D drafting with Solid Works, etc. Depending on the Arizona Department of Education, students may be eligible for Certificates in Engineering and Robotics upon satisfactory completion of this course. 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. In addition, students will be able to participate in the world renown program VEX Robotics Competition (VRC). Students are encouraged to join the Robotics Club to participate in the VRC.

Engineering Internship

NEW!

Course Code: PA9143

Grade Level: 12 **Length of Course:** 1 Year **1 Credit**

Prerequisite: Engineering I, II & III and teacher approval

Lab fee: Per Fee Schedule

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 off campus 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. Students must work a minimum of 165 hours. 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.

●CTE Graphic Communications●

Graphic Design I

Course Code: PA9080

Grade Level: 9, 10, 11, 12 **Length of Course:** 1 Year **1 Credit**

Lab fee: Per Fee Schedule

Students will use Adobe Creative Suite 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, SkillsUSA, 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: PA9081

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisites: Graphic Design I

Lab fee: Per Fee Schedule

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 Adobe Creative Suite. 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, SkillsUSA, is a part of this class.

Graphic Design III

Course Code: PA9082

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisites: Graphic Design I & II

Lab fee: Per Fee Schedule

Graphic Design III will focus on advanced training in the advertising art, graphic design, and media communication fields. Students utilize industry standard equipment such as Power PC's computer software such as Adobe Illustrator, Adobe Photoshop and Adobe InDesign, digital cameras and Flash. Production design includes logos, letterheads, advertisements, packaging, product illustration, and portfolio development. Emphasis is on applying client marketing objectives to create designs which communicate to specific target audiences. Students will also develop a corporate identity program, an advertising campaign and a portfolio of their work. Students will also have the opportunity to work on independent assignments. They will have the chance to research more about graphic design branding and theory. 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, SkillsUSA, is a part of this class.

Graphic Design Internship

Course Code: PA9084

Grade Level: 12

Length of Course: 1 Year

1 Credit

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

Lab fee: Per Fee Schedule

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 off campus to practice and improve their skills in the Digital Design 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 165 hours. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Students will also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, SkillsUSA.

●CTE Performing Arts & Entertainment●

Technical Theatre I

Course Code: FA183

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab Fee: Per Fee Schedule

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 Technical Theatre II. The Arizona Department of Education CTE Technical Theatre standards are taught in this course and throughout the Technical Theatre Program.

This course is listed in both CTE and Fine Art Departments.

Technical Theatre II

NEW!

Course Code: FA184

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Technical Theatre I

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

Lab Fee: Per Fee Schedule

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 light and sound boards and producing a show. This course is a prerequisite for Technical Theatre Internship.

This course is listed in both CTE and Fine Art Departments.

Technical Theatre Internship

NEW!

Course Code: FA185

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisite: Technical Theatre I & II

Lab Fee: Per Fee Schedule

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 off campus to practice and improve their skills in the Performance and Entertainment 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 165 hours. 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.

This course is listed in both CTE and Fine Art Departments.

Marketing I**Course Code: PA9110****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit

Lab fee: Per Fee Schedule

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: PA9111****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Marketing I**Lab fee:** Per Fee Schedule

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

College credit may be available 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: PA9112****Grade Level:** 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisites: Marketing I & II, application and teacher approval

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: PA9114****Grade Level:** 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Marketing I, II and teacher approval**Lab fee:** Per Fee Schedule

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 off campus to practice and improve their skills in the Professional Sales and Marketing 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 165 hours. Each student must provide their own transportation to and from the internship placement site. Parent permission is required, along with a signed Training Agreement and Training Plan. Participation in the state-approved CTE Career & Technical Student Organization, DECA, is part of this class.

● CTE Sports Medicine & Rehabilitation Services ●

Sports Medicine I

Course Code: PA9090

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Interest in exploring a career in the Health Care Industry

Lab Fee: Per Fee Schedule

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). They will attend several field trips and listen to a number of guest speakers. 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: PA9091

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

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

Lab Fee: Per Fee Schedule

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 also have the opportunity to participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA), attend several field trips and listen to a number of guest speakers. 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: PA9130

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Sports Medicine I & II

Fees: Per Fee Schedule

College credit may be available for this course. Please see instructor.

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: PA9093****Grade Level:** 12**Length of Course:** 1 Year

1 Credit

Prerequisite Sports Medicine I & II, application, and teacher approval**Lab fee:** Per Fee Schedule*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 165 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).

●CTE Video Production●

Film & TV I

Course Code: PA9010

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab fee: Per Fee Schedule

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 Bulldog Vision Television (BVTV), the Queen Creek 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, SkillsUSA, 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: PA9011

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisites: Film & TV I (C or better)

Lab fee: Per Fee Schedule

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, SkillsUSA, is a part of this curriculum.

Film & TV III

Course Code: PA9012

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisites: Film & TV II or Video and Audio Production II

Lab fee: Per Fee Schedule

This is an advanced course in expanding and improving students’ technical skills needed to master the operation and techniques of video production and electronic news and sports journalism. Students will produce, record, and 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 BVTV clients. Participation in the state-approved CTE Career & Technical Student Organization, SkillsUSA, is a part of this curriculum.

Film & TV Internship

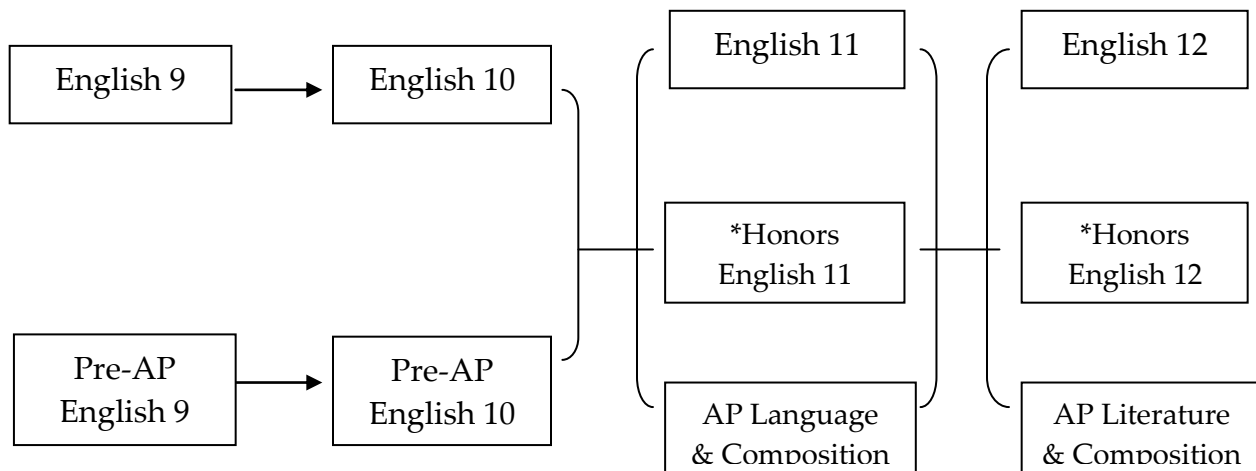
Course Code: PA9015

Grade Level: 12	Length of Course: 1 Year	1 Credit
Prerequisite Film & TV I, II, III, and teacher approval		
Lab fee: Per Fee Schedule		
<i>This course may be taken concurrently with Film & TV III.</i>		

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 off campus to practice and improve their skills in the Film & TV 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 165 hours. 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, SkillsUSA.

English

Recommended Sequence Options for English Requirements



*Indicates Dual Enrollment available.

English 9

Course Code: EN100

Grade Level: 9	Length of Course: 1 Year	1 Credit
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Major areas of study include the reinforcement of the six traits of writing and an introduction to different genres of writing including persuasive, analysis, narrative, formal communications, and research with emphasis on format. Students are expected to read fluently at a 9th grade level, acquire and use new vocabulary, employ comprehension strategies, recognize, identify, analyze, and apply knowledge of the structures, elements and purposes of literature, expository text, persuasive text and functional text and recognize, identify, analyze, and apply knowledge of the historical and cultural

aspects of literature. Additionally, students will deliver oral speeches and plan, organize, develop, produce, and evaluate multimedia presentations.

Pre-Advanced Placement English 9

Course Code: EN100W

Grade Level: 9	Length of Course: 1 Year	1 Credit – Weighted
Prerequisite: A grade of “B” or better in English 8 or its equivalent		
Required Fees: Per Fee Schedule (non-refundable) consumables fee may apply.		

Following the College Board’s suggested curriculum, 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.

What to expect: There will be required outside reading and rigorous academic study. RTT – AZ01101 & AZ01058

English 10

Course Code: EN200

Grade Level: 10	Length of Course: 1 Year	1 Credit
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Major areas of study include fine-tuning of the six traits 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.

Pre-Advanced Placement English 10

Course Code: EN200W

Grade Level: 10	Length of Course: 1 Year	1 Credit - Weighted
Prerequisite: A grade of “B” or better in English 9 or its equivalent		
Required Fees: Per Fee Schedule (non-refundable) consumables fee may apply.		

Following the College Board’s suggested curriculum, 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.

What to expect: There will be required outside reading and rigorous academic study. RTT – AZ01102 & AZ01065

English 11

Course Code: EN300

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 the six traits 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.

English 11 Honors

Course Code: EN300W

Grade level: 11	Length of Course: 1 Year	1 Credit - Weighted
Prerequisite: Placement is based on District criteria AND a passing score on the Accuplacer Reading Placement test.		
<i>College credit may be available for this course. Please see instructor.</i>		

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: EN301W

Grade Level: 11	Length of Course: 1 Year	1 Credit – Weighted
Prerequisites: B or better in English 10 is recommended		
Required Fees: Per Fee Schedule (non-refundable) consumables fee may apply. A testing fee applies to those students taking the AP Literature and Composition exam.		
<i>College credit may be available for this course. Please see instructor.</i>		

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 have the option of taking the Advanced Placement test at the end of the school year.

English 12

Course Code: EN400

Grade Level: 12	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 the six traits 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.

English 12 Honors

Course Code: EN400W

Grade Level: 12	Length of Course: 1 Year	1 Credit – Weighted
Prerequisites: Placement based on District criteria AND a passing score on the Accuplacer Writing Placement test and Accuplacer College Reading test.		
<i>College credit may be available for this course. Please see instructor.</i>		

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: EN401W**

Grade level: 12	Length of Course: 1 Year	1 Credit - Weighted
Prerequisite: B or better in English 11 is recommended		
Required Fees: Per Fee Schedule (non-refundable) consumables fee may apply. A testing fee applies to those students taking the AP Literature and Composition exam.		
<i>College credit may be available for this course. Please see instructor.</i>		

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 have the option of taking 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. Be advised College Credit will not be awarded for grades of 69% or lower, but will impact the student’s college transcripts.

● English Electives ●

Language Arts Lab 9**NEW!****Course Code: EL143**

Grade Level: 9	Length of Course: 1 Year	1 Credit
Prerequisite: Placement by District criteria		

This course provides instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students’ abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

Yearbook / Journalism I**Course Code: EL134**

Grade Level: 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: C Average in Core Classes or Teacher Approval		
Lab Fee: Per Fee Schedule		
<i>This course may be repeated for credit but not for grade change.</i>		

This introductory course will teach students the field-reporting skills necessary to contribute to the development of the QCHS 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.

Yearbook / Journalism II

Course Code: EL145

Grade Level: 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Yearbook/Journalism I or Teacher Approval		
Lab Fee: Per Fee Schedule		
<i>This course may be repeated for credit but not for grade change.</i>		

Student work will primarily focus on the development of the QCHS Yearbook and QCHS Journalism Website. 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.

Fine Arts - Performing

*All of these courses will satisfy one fine arts credit for QCUSD graduation and In-State University entrance requirements.

●Band●

Marching Band and Color Guard

NEW!

Course Code: FA120

Grade Level: 9, 10, 11, 12	Length of Course: 1 Semester/Fall Only	½ Credit
Prerequisite: Must have some experience in playing a musical instrument.		
Lab Fee: Per Fee Schedule per semester		
School Instrument Rental Fee: Per Fee Schedule		
<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>		

Jazz Band**Course Code: FA123**

Grade Level: 9, 10, 11, 12	Length of Course: 1 semester/spring semester	½ Credit
Prerequisite: Must pass audition for Director. Must be concurrently enrolled in either symphonic winds, chamber winds, or percussion		
Lab Fee: Per Fee Schedule		
School Instrument Rental Fee: Per Fee Schedule		
<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.

●Choir●**Women's Vocal Ensemble****Course Code: FA130**

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

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: FA131**

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Audition or recommendation of director.		
Lab Fee: Per Fee Schedule		
<i>This course may be repeated for credit but not for grade change.</i>		

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.

●Orchestra ●**Symphonic Orchestra****Course Code: FA140**

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Instructor Approval Only		
Lab Fee: Per Fee Schedule		
School Instrument Rental Fee: Per Fee Schedule		

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: FA141

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Audition only

Lab Fee: Per Fee Schedule

School Instrument Rental Fee: Per Fee Schedule

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.

●Other Music Courses●

Guitar I

Course Code: FA150

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab Fee: Per Fee Schedule

School Instrument Rental Fee: Per Fee Schedule

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 the 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: FA151

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.

Lab Fee: Per Fee Schedule

School Instrument Rental Fee: Per Fee Schedule

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.

Piano I

Course Code: FA160

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab Fee: Per Fee Schedule

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: FA161

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Piano Lab I or Audition

Lab Fee: Per Fee Schedule

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: FA163

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Piano Lab II or Audition

Lab Fee: Per Fee Schedule

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 5th, cadences, flat key signatures, and the three forms of the minor scale.

Mariachi

NEW!

Course Code: FA155

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: enrollment in one other music course (can be appealed by instructor)

Lab Fee: Per Fee Schedule

School Instrument Rental Fee: Per Fee Schedule

This course may be repeated for credit.

In this course, we will cover basic through advanced techniques in performance through Mariachi music. We will understand basic note reading, instrumental technique, and standard mariachi performance practices, as well as a survey of Mariachi history and key musicians and groups in the Mariachi community. Occasional after school practices, performances, and sectionals are required for the course. Students will be expected to practice their instrument outside of school. Students are expected to sing (no experience necessary).

Handbell Ensemble

NEW!

Course Code: FA157

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Lab Fee: Per Fee Schedule

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

Students in the handbell ensemble will learn music reading skills, handbell ringing techniques, and practice teamwork to perform a variety of handbell repertoire. Participation in performances will be mandatory. Previous musical experience is not required.

AP Music Theory

NEW!

Course Code: FA170W

Grade Level: 10, 11, 12

Length of Course: 1 year

1 Credit-Weighted

Prerequisite: N/A

Lab Fee: Per Fee Schedule

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 have the option to take the AP music theory test.

●Theatre/Film●

Film Studies

Course Code: FA171

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Lab Fee: Per Fee Schedule		

This is an introductory course into the fine art of cinema. Students learn the appreciation of the art form and the interaction of moviemaking techniques and aesthetics through studying the history of cinema from the first films to modern blockbuster movies, as well as putting focus on film genres and directors. Students will receive hands-on experience with actual screenplays and film equipment.

Beginning Theatre Arts and Technical Design

Course Code: FA180

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Lab Fee: Per Fee Schedule		

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 Advanced Theatre Arts and Technical Design and Dramatic Arts and Performance.

Advanced Theatre Arts and Technical Design

Course Code: FA181

Grade Level: 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Beginning Theatre Arts and Technical Design		
<i>This course may be repeated for credit but not for grade change.</i>		
Lab Fee: Per Fee Schedule		

Advanced Theatre Arts and Technical Design expands the student's skills learned in Beginning Theatre Arts and Technical Design. 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 Dramatic Arts and Performance.

Dramatic Arts and Performance

Course Code: FA182

Grade Level: 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Audition Only		
Lab Fee: Per Fee Schedule		

Students must audition in the spring of the previous year for enrollment into Dramatic Arts and Performance. 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.

Advanced Dramatic Arts and Performance

NEW!

Course Code: FA186

Grade Level: 12	Length of Course: 1 Year	1 Credit
Prerequisite: Dramatic Arts and Performance, and/or Audition Only		
Lab Fee: Per Fee Schedule		

Students must audition in the spring of the previous year for enrollment into Advanced Dramatic Arts and Performance. 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.

Technical Theatre I

Course Code: FA183

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Lab Fee: Per Fee Schedule		

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 Technical Theatre II. The Arizona Department of Education CTE Technical Theatre standards are taught in this course and throughout the Technical Theatre Program.

This course is listed in both CTE and Fine Art Departments.

Technical Theatre II

NEW!

Course Code: FA184

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Technical Theatre I

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

Lab Fee: Per Fee Schedule

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 Light and sound boards and producing a show. This course is a prerequisite for Technical Theatre Internship.

This course is listed in both CTE and Fine Art Departments.

Technical Theatre Internship

NEW!

Course Code: FA185

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisite: Technical Theatre I &II

Lab Fee: Per Fee Schedule

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 off campus to practice and improve their skills in the Performance and Entertainment 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 165 hours. 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.

This course is listed in both CTE and Fine Art Departments.

Fine Arts - Visual

*All of these courses will satisfy one fine arts credit for QCUSD graduation and In-State University entrance requirements.

Intro to Art

NEW!

Course Code: FA100

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Lab Fee: Per Fee Schedule		

This course is a basic introduction to the foundation of art. Students will be introduced to the elements and principles of design through several different art projects using a wide variety of art media. Diversity will be emphasized by using art history and different cultural art projects.

Ceramics

Course Code: FA107

Grade Level: 9, 10, 11, 12	Length of Course: 1 Year	1 Credit
Lab Fee: Per Fee Schedule		

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.

Advanced Ceramics

NEW!

Course Code: FA109

Grade Level: 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: 1 credit of Ceramics		
Lab Fee: Per Fee Schedule		

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.

Sculpture

NEW!

Course Code: FA200

Grade Level: 10, 11, 12	Length of Course: 1 Year	1 Credit
Prerequisite: Intro to Art or Ceramics		
Lab Fee: Per Fee Schedule		

Introduction to basic tools and processes will be employed in the creation of sculptural ideas. Students will explore various materials and processes used in sculpture. These will include, paper machè, wire, wood, and other materials. This course will emphasize the elements and principles of the 3 dimensional forms. In the second semester, students will continue using the various methods from the Sculpture I class on a much larger scale. In addition, students will learn how to best display and present their work through regular class critiques and exhibitions in the display cases throughout the school (library and office).

Drawing**(To be offered in school year 2017-2018)****Course Code: FA202****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Intro to Art**Lab Fee:** Per Fee Schedule

This course is an introduction into drawing. Students will learn the basic components involved in beginning drawing. Students focus on line, value, texture and composition. A variety of drawing assignments will introduce students to different drawing media such as colored pencil, graphite, pen and ink and pastel. In the second semester, students will use creativity and self-expression while they increase their knowledge and appreciation of art.

Painting**(To be offered in school year 2017-2018)****Course Code: FA204****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Intro to Art**Lab Fee:** Per Fee Schedule

This course is an introduction into the basic techniques of working with paints. Students will learn and explore the skills and proper usage of water color and acrylic paint while working on landscape, still-life, and abstract project. Focus will be placed on composition, elements, and principles of design along with proper usage of art media and tools. In the second semester, students will focus on developing and enhancing previous learned skills while incorporating individual expression, technique, and emotion in their painting. Students will explore a variety of paint media including watercolor, acrylic, oil, oil pastel, and chalk pastel.

General Electives

Academic Decathlon

Course Code: EL101W

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit – Weighted

Prerequisite: Teacher recommendation.

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.

Administrative Records Internship

Course Code: EL121

Grade Level: 11, 12

Length of Course: 1 Semester

½ Credit

Prerequisite: Job application completion, submission of 2 letters of recommendation from teachers, interview, and Registrar Administrator approval.

The record internship is an individualized training program that combines learning and demonstrating office skills. The internship is designed to prepare students with a foundation for future employment by acquiring skills in the general areas of administrative assistant service. Students are expected to exhibit skills in written and oral formats, pay close attention to detail, as well as maintain a high degree of discretion in controlling the distribution of highly confidential information.

AVID Tutor

NEW!

Course Code: EL280

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Current or former enrollment in an academic college course with grades of B or higher, for example: College Algebra or AP-level classes. Placement by guidance counselor/AVID coordinator

Pay: \$8.00 an hour

Under the direct supervision of the AVID coordinator/teacher, the AVID Tutor will be able to assist students with all educational concerns as they pertain to the AVID program.

JROTC/NDCC

NEW!

Course Code: MS100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

This course will allow student to study/experience: leadership theory and application, foundations for success, communication/study skills, citizenship, military customs and courtesies, physical training, drill, map reading, and the history and objective of JROTC/NDCC.

Leadership

Course Code: EL106

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: 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.

Librarian Internship

Course Code: EL107

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: High School Librarian (instructor) approval and 2 letters of recommendation from teachers.

The library internship is an individualized training program that combines learning and demonstrating library skills. The internship is designed to prepare students with a foundation for future employment by acquiring skills in the general areas of library service. Students are expected to exhibit skills in written and oral formats

Office Internship

Course Code: EL110

Grade Level: 11, 12

Length of Course: 1 Semester

½ Credit

Prerequisite: Instructor approval and two letters of recommendation. By application only

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

Parallel Learning

Course Code: EL111

Grade Level: 10, 11, 12

Length of Course: 1 Semester

½ Credit

Prerequisite: Applications, interview, teacher recommendation, 2.5 grade point average.

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: RT400

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 released 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: RT100****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.

Senior Seminar**Course Code: EL012****Grade Level:** 12**Length of Course:** 3 weeks

No Credit

Prerequisite: High School Librarian (instructor) approval and 2 letters of recommendation from teachers.

This course will be offered during Academic Achievement hour to aid seniors in applying for college, understanding the FAFSA process, applying for scholarships, using AZCIS for College and Career planning, and ACT, SAT, or Accuplacer registration.

Student Assistant Program**Course Code: TA100****Grade Level:** 10, 11, 12**Length of Course:** 1 Semester

½ Credit

Prerequisite: 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. Beginning with the class of 2012, students are only able to earn one total credit as a Student Aide.

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.

●English Electives●

Language Arts Lab 9**NEW!****Course Code: EL143****Grade Level:** 9**Length of Course:** 1 Year

1 Credit

Prerequisite: Placement by District criteria

This course provides instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

Yearbook / Journalism I**Course Code: EL134****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisite: C Average in Core Classes or Teacher Approval**Lab Fee:** Per Fee Schedule

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 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.

Grade Level: 10, 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Yearbook/Journalism I or Teacher Approval**Lab Fee:** Per Fee Schedule*This course may be repeated for credit but not for grade change.*

Student work will primarily focus on the development of the QCHS Yearbook and QCHS Journalism Website. 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.

●Mathematics Electives●

Math Lab 9

NEW!

Course Code: EL150**Grades:** 9**Length of Course:** 1 Year

1 Credit

Prerequisite: Placement based upon district criteria*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.

●Social Studies Electives●

Pre-AP Honors Ancient Civilizations & Geography**Course Code:** EL170W**Grade Level:** 9**Length of Course:** 1 Year

1 Credit - Weighted

This elective course is designed for 9th grade students pursuing an AP or Honors track in Social Studies with the idea that they will take AP World history in their 10th 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:** EL202W**Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit - Weighted

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.

AP Human Geography

Course Code: EL201W

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Human Geography is a yearlong course that studies the human population and how it effects 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.

Other useful Sources: New York Times newspaper, The Economist, US census Bureau.

International Relations

NEW!

Course Code: EL204

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

Fees: Per Fee Schedule

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.

Psychology 1

Course Code: EL112A

Grade Level: 11, 12

Length of Course: 1 Semester

½ Credit

Psychology I is a 1-semester 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.

Psychology 2

Course Code: EL112B

Grade Level: 11, 12

Length of Course: 1 Semester

½ Credit

Prerequisite: Psychology 1 is preferred but not required.

Psychology II is a 1-semester elective course designed to further students understanding of the science of human behavior. While it is preferred that students take Psychology I as an introduction to this course, it is not required. In this

course students explore concepts related to social and cognitive psychology, theories of personality and abnormal behavior disorders.

AP Psychology

Course Code: EL200W

Grade Level: 11, 12

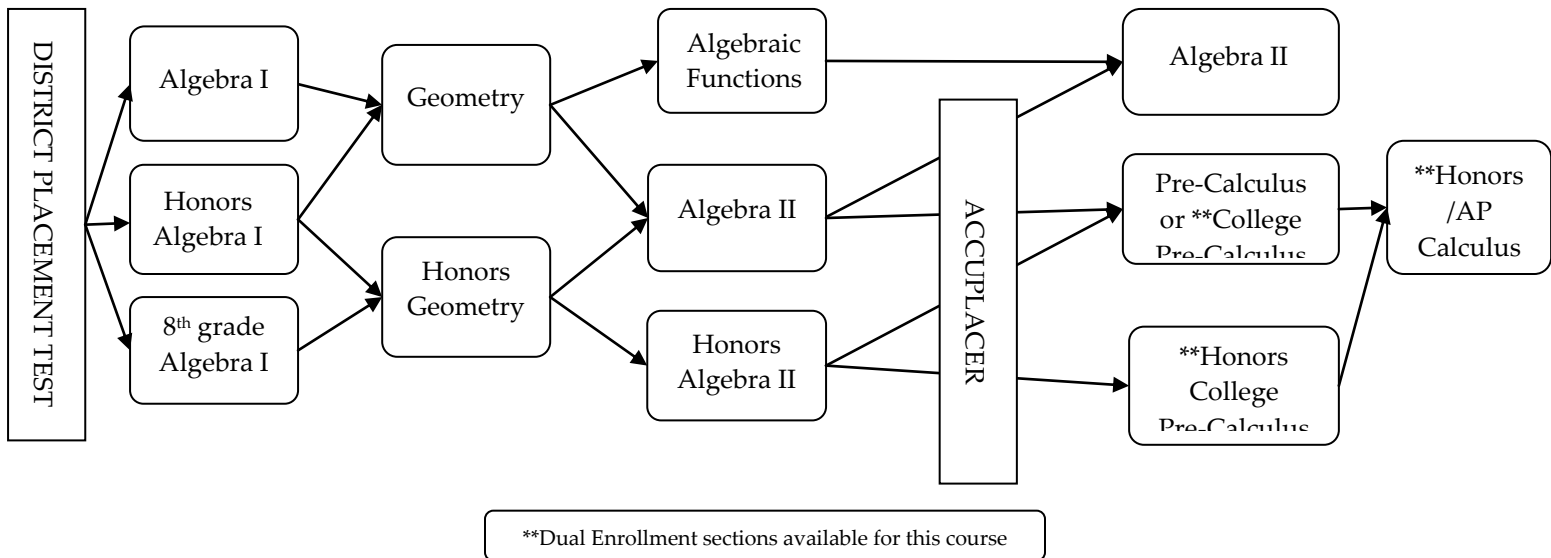
Length of Course: 1 Year

1 Credit - Weighted

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.

Mathematics

Recommended Sequence Options for Mathematics Requirements



*Algebra 1 credit will only be awarded to middle or junior high school students who have achieved one of the following:

- Algebra 1 credit was transcribed on an accredited high school transcript.
- Newell Barney Junior High School students may receive high school credit for Algebra I by successfully completing the full year course with an “A” or a “B” and by passing the QCHS comprehensive exam (for both semesters) at 75% or higher.
- Receive a 75% or higher on the District Algebra 1 test-out exam (Pass/Fail grades are issued to all test-outs.)

Algebra I

Course Code: MA100

Grade Level: 9

Length of Course: 1 Year

1 Credit

Meets university admission requirements

This course will explore the relationships between linear, exponential and quadratic functions through real world modeling. Other major areas of study will include expressions, solving equations and inequalities, properties of exponents, system of equations, matrices, analyzing functions using different representations, descriptive statistics, perform arithmetic operations on polynomials, use properties of rational and irrational numbers through problem solving and applications. A graphing calculator is highly recommended and a specific model will be suggested by the instructor. The course uses the common core state standards as a guideline for its curriculum.

Honors Pre-AP Algebra I

NEW!

Course Code: MA100W

Grade Level: 9

Length of Course: 1 Year

1 Credit-Weighted

Prerequisite: Pre-Algebra. Placement is based upon District criteria.

Meets university admission requirements

This course is an in-depth and accelerated study of topics covered in Algebra 1. More rigorous Algebra concepts will also be explored. Opportunities for creative expression and enrichment will be provided.

Geometry

Course Code: MA200

Grade Level: 9, 10

Length of Course: 1 Year

1 Credit

Prerequisite: Algebra I

Meets university admission requirements

The course covers the Euclidean concepts of Geometry through real world modeling. The major topics covered will include angle, line and circle relationships, inductive and deductive reasoning, transformations, proving geometric theorems, constructions, congruence, similarity, right triangle trigonometry, compare and contrast two-dimensional and three-dimensional geometry, coordinate geometry, conic sections, and probability. Students will need a compass and protractor. The course uses the common core state standards as a guideline for its curriculum.

Honors Pre-AP Geometry

Course Code: MA200W

Grade Level: 9, 10

Length of Course: 1 Year

1 Credit - Weighted

Prerequisite: Algebra I. Placement is based upon District criteria.

Meets university admission requirements

This course is an in-depth and accelerated study of topics covered in Geometry. Other geometries and methods of proof will also be explored. Opportunities for creative expression and enrichment will be provided.

Algebraic Functions (Previously Algebra 2)

Course Code: MA300

Grade Level: 11

Length of Course: 1 Year

1 Credit

Prerequisite: Algebra I (C or below), Geometry (C or below), Counselor/Teacher recommendation only. Students that complete Algebraic Functions are required to complete Algebra II as a senior in order to meet graduation requirements.

Not intended for University bound students.

This course emphasizes the study of linear, quadratic, exponential, logarithmic, polynomial, rational, and radical functions. A graphing calculator is required for this class.

Algebra II (Previously Algebra II w/Trigonometry)

Course Code: MA301

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Algebra I and Geometry

Meets university admission requirements

This second year Algebra course extends the concepts of Algebra 1 and prepares the students for entry-level college mathematics courses. Major areas of study 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. A graphing calculator is required and a specific model will be suggested by the instructor. There will be specific sections of Algebra II that will be restricted to seniors that have completed Algebraic Functions during their junior year. Seniors who take Algebra II to satisfy their fourth credit of high school math may not meet acceptance requirements.

Honors Pre-AP Algebra II (Previously Honors Algebra II w/Trigonometry)

Course Code: MA301W

Grade Level: 9, 10, 11

Length of Course: 1 Year

1 Credit - Weighted

Prerequisite: Geometry. Placement is based upon District criteria.

Meets university admission requirements

This course is an in-depth and accelerated study of topics covered in Algebra 2. Opportunities for creative expressions and enrichment will be provided. This second year Algebra course extends the concepts of Algebra 1 and prepares the students for entry-level college mathematics courses. Major areas of study 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. A graphing calculator is required and a specific model will be suggested by the instructor.

Pre-Calculus**Course Code: MA401****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Algebra II. Placement is based on District criteria AND a qualifying score on the Accuplacer Math Placement test.*College credit may be available for this course. Please see instructor.**Meets university admission requirements*

This course introduces the student to higher mathematics through the study of fundamental concepts of equations, functions, trigonometry, analytical trigonometry, systems of equations and inequalities, conic sections, sequences and series, vectors and polar coordinates. This course will emphasize the application of the concepts to real-world problems in a team setting and the use of graphing technology and computers. There will be group and individual projects throughout the Year. A graphing calculator is highly recommended and a specific model will be suggested by the instructor.

College Pre-Calculus**Course Code: MA413****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Prerequisite: Algebra II. Placement is based on District criteria AND a qualifying score on the Accuplacer Math Placement test.*Dual-Enrollment**Meets university admission requirements*

This course introduces the student to higher mathematics through the study of fundamental concepts of equations, functions, trigonometry, analytical trigonometry, systems of equations and inequalities, conic sections, sequences and series, vectors and polar coordinates. This course will emphasize the application of the concepts to real-world problems in a team setting and the use of graphing technology and computers. There will be group and individual projects throughout the Year. A graphing calculator is highly recommended and a specific model will be suggested by the instructor.

Honors College Pre-Calculus**Course Code: MA413W****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit – Weighted

Prerequisite: Algebra II. Placement is based on District criteria AND a qualifying score on the Accuplacer Math Placement test.*Dual Enrollment**Meets university admission requirements*

This course introduces the student to higher mathematics through the study of fundamental concepts of equations, functions, trigonometry, analytical trigonometry, systems of equations and inequalities, conic sections, sequences and series, vectors and polar coordinates. This course will emphasize the application of the concepts to real-world problems in a team setting and the use of graphing technology and computers. This course will move into calculus concepts during the 2nd semester. There will be group and individual projects throughout the Year. A graphing calculator is required and a specific model will be suggested by the instructor.

AP Honors Calculus I**Course Code: MA404W****Grade Level:** 11, 12**Length of Course:** 1 Year

1 Credit - Weighted

Prerequisite: Pre-Calculus. Placement is based on District criteria AND a qualifying score is strongly recommended on the Accuplacer Math Placement test.*Meets university admission requirements*

This dual enrollment course (4 credits for MAT221) is available with teacher recommendation, additional registration and tuition payment through Chandler-Gilbert Community College. The course instructor will provide the application and fee packet. This course will include topics from analytic geometry with special emphasis on inequalities and absolute value expressions, limits, continuity, 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. A

Modern Languages

Spanish I

Course Code: WL100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

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 languages and cultures.

Spanish II

Course Code: WL200

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Spanish I or demonstrated competency

**Please reference pg.6 for transferring 8th grade Spanish 1 credit*

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 languages and cultures.

Honors Spanish III

Course Code: WL310W

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Prerequisite: Spanish I & II or demonstrated competency.

Dual Enrollment Available

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 and understanding of the diversity of languages and cultures.

Physical Education

Coed Physical Education

Course Code: PE100

Grade Level: 9, 10, 11, 12

Length of Course: 1 Semester

½ 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 the 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.

Yogalates

Course Code: PE110

Grade Level: 9, 10, 11, 12

Length of Course: 1 Semester

½ Credit

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

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: PE105

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

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.

Performance Dance

NEW!

Course Code: PE107

Grade Level: 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Beginning Dance and instructor approval

Fees: Per Fee Schedule

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

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

QCHS Cheer

NEW!

Course Code: PE109

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Member of JV or Varsity Cheer Squad which is established through try-outs

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

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.

QCHS Pom

NEW!

Course Code: PE111

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Member of Varsity Pom team which is established through try-outs

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

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

Basic Weight Training

Course Code: PE102

Grade Level: 9, 10, 11, 12

Length of Course: 1 Semester

½ Credit

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

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: PE103

Grade Level: 10, 11, 12

Length of Course: 1 Semester

½ Credit

Prerequisite: A Weight Training or Circuit Training Course

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

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

NEW!

Course Code: Determined by Sport

Grade Level: 9, 10, 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: List Only

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

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. Uni-lateral 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.**

9th Grade

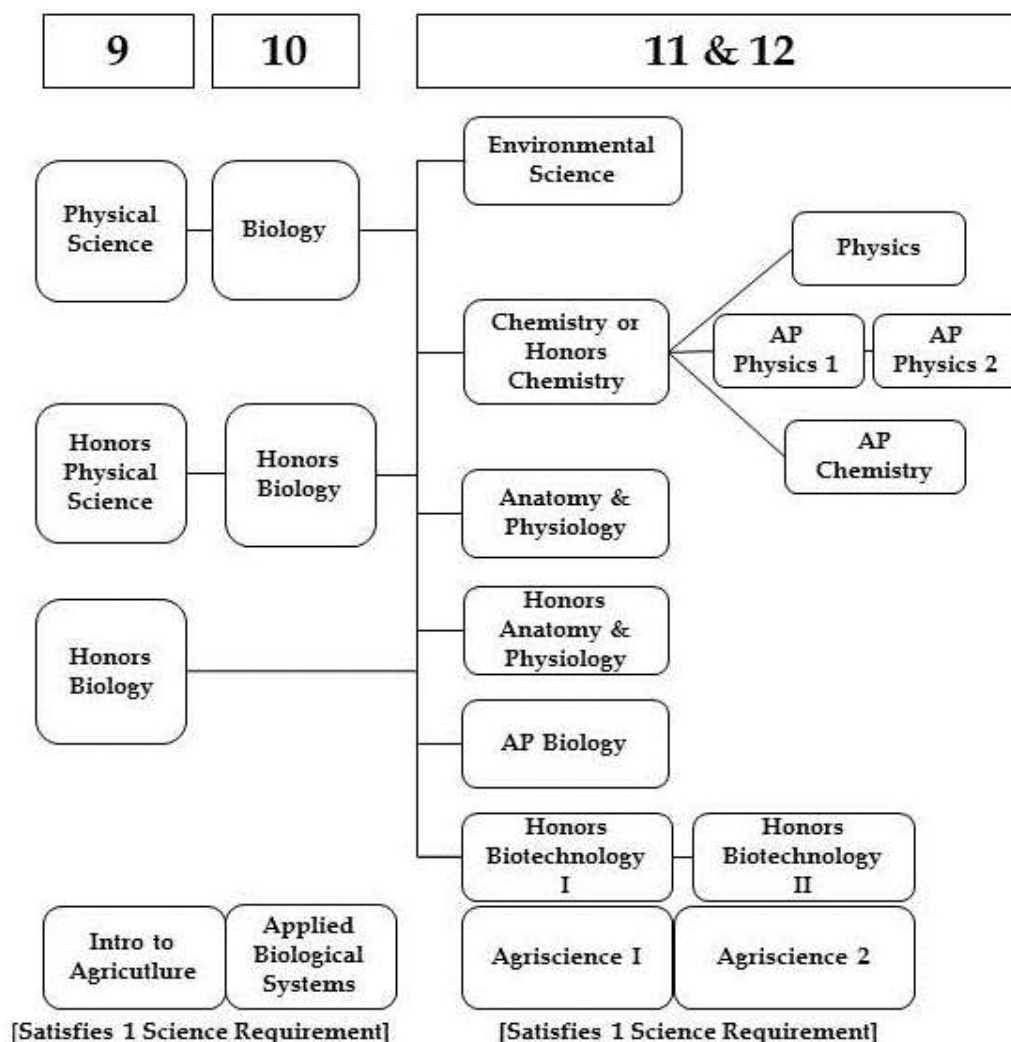
PE151 Football
PE152 Cross Country
PE153 Volleyball
PE154 Girls Basketball
PE155 Boys Basketball
PE156 Wrestling
PE157 Girls Soccer
PE158 Boys Soccer
PE159 Badminton
PE160 Track
PE161 Golf
PE162 Tennis
PE163 Softball
PE164 Baseball

10th-12th

PE251 Football
PE252 Cross Country
PE253 Volleyball
PE254 Girls Basketball
PE255 Boys Basketball
PE256 Wrestling
PE257 Girls Soccer
PE258 Boys Soccer
PE259 Badminton
PE260 Track
PE261 Golf
PE262 Tennis
PE263 Softball
PE264 Baseball

Note: Swimming student-athletes are advised to NOT register for TEAM Sports/Weights. Swimming student-athletes wanting to participate in a weights class advised to register for Advanced Weight Training (PE103).

Recommended Sequence Options for Science Requirements



*Students will satisfy one credit of a lab science (meeting graduation and may meet university requirements) when they complete two full credits of Agriculture electives. See Agriculture program on page 12.

Physical Science

Course Code: SC101

Grade Level: 9

Length of Course: 1 Year

1 Credit

Lab Fee: Per Fee Schedule per year

This course meets university entrance requirements for lab science credit.

Physical Science is a course that will explore the physical world through evaluation of concepts in chemistry and physics. The interaction of matter and energy is the foundation for this inquiry based course. Students will utilize the scientific method to investigate the natural laws governing the physical world. Topics will include concepts from physical and chemistry as well as the earth sciences. Upon completion of the course students will demonstrate a basic understanding of the physical environment and be able to apply the scientific principles learned to future science courses.

Honors Physical Science**Course Code: SC101W****Grade Level:** 9**Length of Course:** 1 Year

1 Credit – Weighted

Lab Fee: Per Fee Schedule per year**Prerequisite:** Recommended for incoming Freshmen who do not have an Algebra 1 credit. Placement is based upon District criteria*This course meets university entrance requirements for lab science credit.*

Honors Physical Science is an inquiry based course that evaluates the physical world through understanding of concepts in chemistry, physics, and earth science. This course will be lab intensive where students will investigate the interactions of matter and energy by experimentation. Topics will include but are not limited to classification of matter, physical and chemical properties of matter gas laws, phase changes, atomic theory, motion, force and momentum, energy, electricity, geology basics, and earth's structure. Upon completion of the course, students will be able to demonstrate an understanding of the scientific process and utilize what they have learned in future classes. Students will be expected to conduct laboratory experiments, draw conclusions, and communicate their results by writing complete lab reports.

Lab Biology**Course Code: SC200****Grade Level:** 10**Length of Course:** 1 Year

1 Credit

Lab Fee: Per Fee Schedule*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 Lab Biology**Course Code: SC200W****Grade Level:** 9, 10**Length of Course:** 1 Year

1 Credit -Weighted

Lab Fee: Per Fee Schedule**Prerequisite:** Recommended for incoming Freshmen with Algebra 1 credit or Sophomores who successfully completed Physical Science and Algebra 1. Placement is based upon District criteria*This course meets university entrance requirements for lab science 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 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.

Environmental Science**Course Code: SC300****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Lab Fee: Per Fee Schedule**Prerequisite:** Lab Biology*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.

Chemistry**Course Code: SC301****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit

Lab Fee: Per Fee Schedule per year**Prerequisite:** Lab Biology, currently in Geometry or higher.*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: SC301W****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit – Weighted

Lab Fee: Per Fee Schedule per year**Prerequisites:** Lab Biology, currently in Geometry or higher. Placement based on District criteria.*This course meets university entrance requirements for lab science 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 Reagent lab based course and counts towards graduation requirements.

Honors Biotechnology I**Course Code: SC305W****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit - Weighted

Prerequisites: Required: Biology (C or higher) and Algebra I (C or higher)**Lab Fee:** Per Fee Schedule*This course meets university entrance requirements for lab science credit.*

This course introduces students to the exciting field of biotechnology. Students will be introduced to topics such as chemistry, biochemistry, DNA structure, protein structure, microscope techniques, biotech laboratory skills, DNA isolation and analysis, protein isolation and analysis along with Assay development. Students will also be exposed to bioethics and biotech career paths. Students will be expected to demonstrate proper lab safety procedures and skills. Students will be expected to keep a detailed legal scientific lab notebook covering all of the lab activities throughout the year. 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 taught in this course and throughout the Bioscience Program.

Due to the extensive laboratory exposure students will have and the nature of writing lab reports and analyzing data, this course is considered a weighted or honors course. The expectation will be that students will apply prior and acquired knowledge to the laboratory experience to draw appropriate conclusions and demonstrate those conclusions in a written and/or verbal form.

This course is listed in both CTE and Science Department

Honors Biotechnology II

Course Code: SC306W

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Prerequisites: Biotechnology I (C or higher)

Lab Fee: Per Fee Schedule

Dual Enrollment college credit may be available.

This course meets university entrance requirements for lab science credit.

This course is designed as a continuation of Biotechnology I. Students will continue to apply biotechnology lab skills learned from Biotechnology I as they explore new concepts such as concentration assays, recombinant biotechnology and practical applications of biotechnology (e.g. identifying potential biotechnology products and plant and animal biotechnology). Students will also work on harvesting protein products, plant propagation, and practical applications of biotechnology in agriculture and horticulture. Students will participate in the state-approved CTE Career & Technical Student Organization, Health Occupations Students of America (HOSA).

Due to the extensive laboratory exposure students will have and the nature of writing lab reports and analyzing data, this course is considered a weighted or honors course. The expectation will be that students will apply prior and acquired knowledge to the laboratory experience to draw appropriate conclusions and demonstrate those conclusions in a written and/or verbal form.

This course is listed in both CTE and Science Departments.

Human Anatomy and Physiology

Course Code: SC303

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Fee: Per Fee Schedule per year

Prerequisite: Lab Biology

This course meets university entrance requirements for lab science 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: SC303W

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Fee: Per Fee Schedule per year.

Prerequisite: Lab Biology with a grade of "C" or better.

This course meets university entrance requirements for lab science credit.

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.

AP Biology - Dual Credit Biology

Course Code: SC304W

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Fee: Per Fee Schedule per year. In addition, a testing fee applies to those students taking the AP Biology exam. Dual Credit is charged at current Maricopa County Tuition rate.

Prerequisite: Grades of B or better in Biology and Chemistry. Currently in Algebra II or higher.

This course meets university entrance requirements for lab science 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.

What to Expect: This course will follow an AP and Chandler/Gilbert Dual Enrollment curriculum. Students will be given the choice of AP exam and/or receive dual enrollment credit (4 credits BIO101.)

AP Chemistry

Course Code: SC401W

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Fee: Per Fee Schedule per year

Prerequisite: Chemistry and currently in Algebra 2 with Trigonometry or above. Placement based on District criteria.

This course meets university entrance requirements for lab science 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 have 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 the course may choose to take the AP exam in the spring. Students who score a 3 or higher on the AP exam may receive college credit for the course.

Physics

Course Code: SC400

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit

Prerequisite: Chemistry, Currently in Algebra 2 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 1

Course Code: SC402W

Grade Level: 11, 12

Length of Course: 1 Year

1 Credit - Weighted

Fee: Per Fee Schedule per year

Prerequisite: Chemistry and currently in Algebra 2 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.

Grade Level: 12

Length of Course: 1 Year

1 Credit - Weighted

Fee: Per Fee Schedule per year

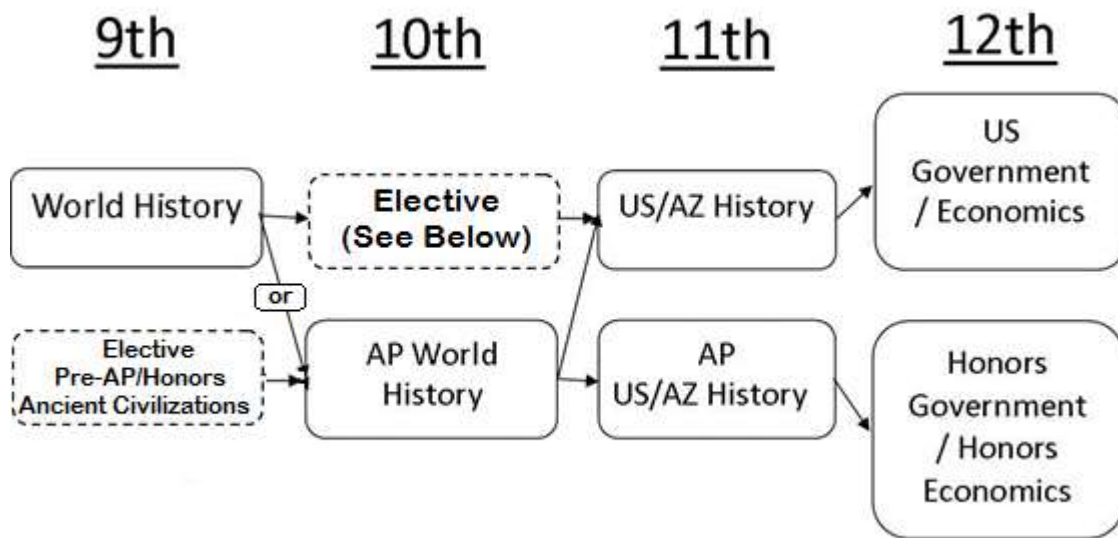
Prerequisite: AP Physics 1

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.

Social Studies

Recommended Sequence Options for Social Studies Requirements



AP Social Studies Electives
Pre-AP Honors Ancient Civilizations & Geography
AP Psychology
AP Human Geography
AP European History

World History**Course Code: SS100****Grade Level:** 9, 10**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: SS200W****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit - Weighted

Prerequisite: B or better in the previous year's Social Studies & English courses is recommended**Fees:** A testing fee applies to those students taking the AP World History exam.

The AP World History Course is designed to develop 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 given the opportunity to take the Advanced Placement World History exam.

US/Arizona History**Course Code: SS300****Grade Level:** 11**Length of Course:** 1 Year

1 Credit

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: SS301W****Grade Level:** 11, 12**Length of Course:** 1 Year

1 Credit – Weighted

Prerequisite: B or Better in World History and English**Fees:** A testing fee applies to those students taking the AP US History exam.

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 given the opportunity to take the Advanced Placement US History exam.

Economics**Course Code: SS400****Grade Level:** 12**Length of Course:** 1 semester

½ 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.

Honors Economics**Course Code: SS400W**

Grade Level: 12

Length of Course: 1 Semester

½ Credit - Weighted

Prerequisite: Placement based on District criteria.

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, students 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. In addition, students will be expected to synthesize and analyze information and apply conclusions when studying the economic systems of the global financial community.

US/Arizona Government

Course Code: SS401

Grade Level: 12

Length of Course: 1 Semester

½ 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.

Honors US/Arizona Government**Course Code: SS401W****Grade Level:** 12**Length of Course:** 1 Semester**½ Credit - Weighted****Prerequisite:** B or better in the previous year's US History & English courses is recommended

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 casual relationships. In order to examine issues in greater depth primary and secondary sources will be used to uncover and interpret the more subtle factors and the connections between issues. Synthesis and analysis of numerous sources will be required and the students will be expected to draw conclusions and construct well-structured arguments around topics that are discussed.

●Social Studies Electives●

International Relations**NEW!****Course Code: EL204****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**Fees:** Per Fee Schedule

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.

Pre-AP Honors Ancient Civilizations & Geography**Course Code: EL170W****Grade Level:** 9**Length of Course:** 1 Year**1 Credit - Weighted**

This elective course is designed for 9th grade students pursuing an AP or Honors track in Social Studies with the idea that they will take AP World history in their 10th 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.

Psychology 1**Course Code: EL112A****Grade Level:** 11, 12**Length of Course:** 1 Semester**½ Credit**

Psychology I is a 1-semester 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.

Psychology 2**Course Code: EL112B****Grade Level:** 11, 12**Length of Course:** 1 Semester $\frac{1}{2}$ Credit**Prerequisite:** Psychology 1 is preferred but not required.

Psychology II is a 1-semester elective course designed to further students understanding of the science of human behavior. While it is preferred that students take Psychology I as an introduction to this course, it is not required. In this course students explore concepts related to social and cognitive psychology, theories of personality and abnormal behavior disorders.

AP Psychology**Course Code: EL200W****Grade Level:** 11, 12**Length of Course:** 1 Year

1 Credit - Weighted

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.

AP Human Geography**Course Code: EL201W****Grade Level:** 9, 10, 11, 12**Length of Course:** 1 Year

1 Credit - Weighted

Human Geography is a yearlong course that studies the human population and how it effects 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.

Other useful Sources: New York Times newspaper, The Economist, US census Bureau

AP European History**Course Code: EL202W****Grade Level:** 10, 11, 12**Length of Course:** 1 Year

1 Credit - Weighted

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.

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: EN500

Grade Level: 9	Length of Course: 1 Year	1 Credit
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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: EN501

Grade Level: 10	Length of Course: 1 Year	1 Credit
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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: EN502

Grade Level: 11	Length of Course: 1 Year	1 Credit
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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: EN503

Grade Level: 12	Length of Course: 1 Year	1 Credit
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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: MA501

Grade Level: 9	Length of Course: 1 Year	1 Credit
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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: MA502

Grade Level: 10

Length of Course: 1 Year

1 Credit

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.

Algebraic Functions Resource

Course Code: MA503

Grade Level: 11

Length of Course: 1 Year

1 Credit

Prerequisite: Geometry Resource

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

This course extends the concepts of Algebra I – Resource, and includes the study of linear equations and functions, systems of equations, matrices, quadratic functions, polynomial functions, radical functions, logarithmic functions, and rational exponents. (This class does not include trigonometry.)

Algebra II Resource

NEW!

Course Code: MA509

Grade Level: 12

Length of Course: 1 Year

1 Credit

Prerequisite: Algebra II 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 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: MA504

Grade Level: 12

Length of Course: 1 Year

1 Credit

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

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: EL521

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: EN504

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: MA506

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: SS504

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 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: SC505

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: EL532

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 development of social and emotional skills and study skills necessary for students to be successful in the regular education curriculum.

Pathways Vocations

Course Code: EL531

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: EL530

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: EN505

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 drivers test, read menus, and cooking instructions.

Academic Skills Mathematics

Course Code: MA507

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: SC503

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: SS506

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 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: EL510

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 affects of drugs to their bodies.

Academic Vocational Skills Training

Course Code: EL511

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: EL512

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: EL520

Grade Level: 11, 12	Length of Course: 1 Year	2 Credits
Prerequisite: Case Manager Recommendation		
<i>This course may be repeated for credit but not for grade change.</i>		

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 Queen Creek area reinforcing the necessary skills to be employed in the work place.

Life Skills English

Course Code: EN506

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

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: MA508

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

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: EL508

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

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: EL501

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

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: EL502

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

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: SC504

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: SS505

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: PE500

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: FA500

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: PE501

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.

Reading Lab

Course Code: EL540

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 be an intensive, intervention-based reading program. The purpose of this program is to increase spelling, word attack, and fluency. This class will use teach reading strategies that include systematic and direct instruction in Reading Fluency, Reading Comprehension, Phonics, Phonological awareness, spelling and writing. These systematic and direct instruction strategies will also include multi-sensory activities to reinforce and teach concepts. Placement for this class will be based on IEP team decision.

Language Arts Lab 9

Course Code: EL541

Grade Level: 9

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 provide students with additional support for their Language Art courses. The teacher will provide direction instruction for the various reading, writing and grammatical tasks required in general education language arts classes. This course will provide specialized instruction for students who have a skill deficit in the areas or reading and writing. This course is designed to be taken concurrently with a general education English class; however a student can take this class without enrolling in a general education English class is agreed upon by IEP team. Placement for this class will be based on IEP team decision.

Language Arts Lab 10

Course Code: EL542

Grade Level: 10

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 provide students with additional support for their Language Art courses. The teacher will provide direction instruction for the various reading, writing, and grammatical tasks required in general education language arts classes. This course will provide specialized instruction for students who have a skill deficit in the areas or reading and writing. This course is designed to be taken concurrently with a general education English class; however a student can take this class without enrolling in a general education English class is agreed upon by IEP team. Placement for this class will be based on IEP team decision.

Language Arts Lab 11

Course Code: EL543

Grade Level: 11

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 provide students with additional support for their Language Art courses. The teacher will provide direction instruction for the various reading, writing and grammatical tasks required in general education language arts classes. This course will provide specialized instruction for students who have a skill deficit in the areas or reading and writing. This course is designed to be taken concurrently with a general education English class; however a student can take this class without enrolling in a general education English class is agreed upon by IEP team. Placement for this class will be based on IEP team decision.

Language Arts Lab 12

Course Code: EL544

Grade Level: 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 provide students with additional support for their Language Art courses. The teacher will provide direction instruction for the various reading, writing, and grammatical tasks required in general education language arts classes. This course will provide specialized instruction for students who have a skill deficit in the areas or reading and writing. This course is designed to be taken concurrently with a general education English class; however a student can take this class without enrolling in a general education English class is agreed upon by IEP team.

Placement for this class will be based on IEP team decision.

Algebra I Lab

Course Code: EL545

Grade Level: 9

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 provide students with additional support for their Algebra I course. The teacher will provide direction instruction for math calculation and math problem solving. This course will provide specialized instruction for students who have a skill deficit in the areas of math. This course is designed to be taken concurrently with a general education math class; however a student can take this class without enrolling in a general education math class is agreed upon by IEP team. Placement for this class will be based on IEP team decision.

Geometry 1 Lab

Course Code: EL546

Grade Level: 10

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 provide students with additional support for their Algebra I course. The teacher will provide direction instruction for math calculation and math problem solving. This course will provide specialized instruction for students who have a skill deficit in the areas of math. This course is designed to be taken concurrently with a general education math class; however a student can take this class without enrolling in a general education math class is agreed upon by IEP team. Placement for this class will be based on IEP team decision.

Algebraic Functions Lab

Course Code: EL547

Grade Level: 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 provide students with additional support for their Algebra II course. The teacher will provide direction instruction for math calculation and math problem solving. This course will provide specialized instruction for students who have a skill deficit in the areas of math. This course is designed to be taken concurrently with a general education math class; however a student can take this class without enrolling in a general education math class is agreed upon by IEP team. Placement for this class will be based on IEP team decision.

Algebra II Lab

NEW!

Course Code: EL548

Grade Level: 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 provide students with additional support for their Algebra III course. The teacher will provide direct instruction for math calculation and math problem solving. This course will provide specialized instruction for students who have a skill deficit in the areas of math. This course is designed to be taken concurrently with a general education math class; however, a student can take this class without enrolling in a general education math class as agreed upon by an IEP team. Placement for this class will be based on IEP team decision.

East Valley Institute of Technology – EVIT | [2016-2017 Course Catalog](#)

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

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

<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 nearly 40 occupational training programs tuition-free to district, charter school and home-schooled high school students who reside within the boundaries of 10 East Valley school districts - Apache Junction, Chandler, Fountain Hills, Gilbert, Mesa, Queen Creek, Scottsdale, Tempe, Higley and J.O. Combs. Classes are offered at two centralized campuses in Mesa - the Dr. A. Keith Crandell (Main) Campus, 1601 W. Main St., and the East Campus, 6625 S. Power Road - and at Apache Junction High School. Students spend a half-day at EVIT and the other half-day at their home high school. School districts provide bus transportation for their students to and from EVIT for most programs. Students must be at least 16 years old. Tuition-based programs for adults are also offered, with financial aid available.

EVIT's Mission

Our mission at the East Valley Institute of Technology is to provide a productive, technically-trained workforce that meets the market-driven needs of business and industry.

Business/Industry and College Articulation

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

Career & Technical Student Organizations

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

SkillsUSA	Technical, skilled, and service careers
FCCLA	Family, Career, and Community Leaders of America
HOSA	Health Occupation Student Association
C-CAP	Careers in Culinary Arts Program
FEA	Future Educators Association

When do students register?

Students are encouraged to apply for EVIT programs during the spring semester prior to the year they plan to attend EVIT, but registration for classes is ongoing. EVIT registration opportunities are offered during regular high school registration, any time through the home high school or EVIT counseling offices or on EVIT.com. Each high school has at least one designated counselor with materials and information regarding EVIT registration. For more information, call 480-461-4000 or visit EVIT.com.

What is needed to register?

Students will need a copy of their transcript, the results of a recognized standardized test such as the Stanford 10 or AIMS if the student does not meet minimum program GPA requirement, and attendance and discipline records or a completed Attendance and Discipline Scoring Rubric. Incomplete applications will not be considered for admission.

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 available for high school students in many courses.

Do the credits from EVIT just count as electives?

Generally, credits earned at EVIT fulfill only elective credit requirements for graduation. Human Anatomy and Physiology for Medical Careers (MC10) also counts as a lab science, having been approved by the Arizona Board of Regents, the National Collegiate Athletic Association (NCAA) and the home high school districts as what is called an "embedded credit." It is recognized and accepted at all Arizona universities fulfilling the lab science entrance requirement. For the year-long course, students earn one (1) lab science credit and two (2) elective credits for a total of three (3) credits.

What time are classes?

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

Are there fees?

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

Are classes at EVIT offered to adults?

Classes are available and open to adult students during the daytime, as space permits, and in the evening for some courses. Tuition is charged for adult students 22 years of age or older. High school graduates under 22 are eligible to attend EVIT tuition-free as "Young Graduates." For more information about the Young Graduates Program, please call (480) 461-4000. For more information about programs for students 22 or older, please contact the EVIT

COMPUTER INFORMATION SYSTEMS

Adult Education Center at (480) 461-4028 or visit www.evit.com/adulted.

IT10 Introduction to Information Technology & Engineering Careers (ITEC) 2 semesters

This program prepares students interested in pursuing careers in Engineering and/or Information Technology by introducing them to many different aspects of current technologies: Local Area Networks, Computer Information Systems, Programming and Engineering. The curriculum is designed to provide students with a foundation in the first year after which they can specialize in a chosen career pathway their second year. This is the recommended prerequisite course to the following second year programs: Robotics Engineering, Mobile App & Computer Programming, Cisco Networking Academy and Digital Device Diagnostics & Repair.

Please note: Dual enrollment for college credits is available.

IT20 Cisco Networking Academy 2 semesters

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

IT40 Computer Programming and Mobile App Design 2 semesters

This program will prepare students interested in pursuing a career in computer programming or mobile application design. Students are challenged to develop computer programs in multiple formats for use in the robotics industry, computer information systems and mobile application design. They will also learn the skills necessary to communicate clearly, cooperate within teams, solve logistical problems and present findings. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design computer and mobile application programs using multiple platforms of the C++ language, including, EasyC, RobotC, ObjectiveC, X-Code, Swift and Java Script.

IT30 Digital Device Diagnostic and Repair 2 semesters

Learn the skills necessary to obtain ComTIA A+ Certification, an International industry credential for computer service technicians. Hands-on classroom training includes installation, configuration and upgrading of hardware and software. Students learn to maintain motherboards, processors and memory. They develop troubleshooting and basic networking skills. Students also learn how to repair devices such as iPads, iPhones, gaming consoles and many more.

Students participate in SkillsUSA and Arizona Students Recycling Used Technology (AZStRUT), which teaches valuable skills and provides quality refurbished computers to schools and non-profit organizations across Arizona.

COMPUTER INFORMATION SYSTEMS

IT60 Future Engineers 2 semesters

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

IT50 Robotics Engineering 2 semesters

This program prepares students interested in pursuing careers in robotics or engineering by providing the pre-engineering and robotics skills necessary for entry into postsecondary education programs. Students will be challenged to think critically, solve problems and apply technology-based tools effectively and safely. They will also learn the skills necessary to communicate clearly, cooperate within teams, solve mathematical, scientific and logistical problems and present findings. This program will introduce students to embedded technology concepts through a combination of classroom lecture and project-based learning. Students will also learn to design, build, communicate and operate robotic automation equipment.

HEALTH SERVICES

MC10 Human Anatomy and Physiology for Medical Careers 2 semesters

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

MC60 Dental Careers 2 semesters

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

HEALTH SERVICES

MC55 Emergency Medical Technician 2 semesters

People's lives often depend on the quick response and competent care of Emergency Medical Technicians (EMTs). Learn to recognize the signs and symptoms of illness and injury, assess and treat patients, administer oxygen and provide basic medical care. Training consists of coursework and hands-on experience designed to prepare students to administer immediate care, stabilization and immobilization of victims in emergency situations. Upon course completion, students are prepared to take state and national EMT examinations.

Please note: Students must be 18 years old by June 30 following course completion and a U.S. Citizen or legal resident to take certification exam. Students may be randomly drug tested.

MA10 Massage Therapy 4 semesters

Study Western and Eastern massage modalities, including Swedish, Sports, Chair, Hot Stone and Reflexology. Coursework also includes anatomy and physiology, pathology, hygiene, ethics and business practices. Students prepare for their state certification by completing 700 hours of hands-on training in the public clinic on campus and at community events. Students must be 18 years of age before applying for state licensure.

MC20 Medical Assistant 4 semesters

Medical Assistants are educated and trained to perform administrative and clinical skills in a variety of settings, including doctors' offices, hospitals and clinics. Learn medical terminology, body systems, EKG, phlebotomy, autoclave, CPR and first aid, OSHA safety standards and other medical specialties. Gain an understanding of office procedures such as patient billing, medical records, purchasing and filing of insurance claims. Students do a clinical externship in the second year of the course. Flexible hours may be required depending upon clinical availability. Student must provide their own transportation to the clinical sites. Upon course completion, students are prepared to take the NHA national certification in Medical Assisting, Phlebotomy and EKG.

MC30 Nursing Assistant 2 semesters

A Nursing Assistant works under the supervision of a nurse to provide daily basic care for patients in hospitals, physician's offices, private homes, clinics and assisted living facilities. First semester, learn CPR, anatomy and physiology, medical terminology, vital signs, hygiene, human reproduction, basic nutrition and patient care. During the second semester, students work in clinical settings to master the skills required for the state certification exam. Flexible hours are required and depend upon the availability of clinical sites. Weekend and/or extended days may be required. Student must provide their own transportation to the clinical sites. The Arizona State Board of Nursing requires proof of legal status to test for or renew certification or licensure.

HEALTH SERVICES

MC43 Pharmacy Technician 2 semesters

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

MC45 Physical Therapy Technician 2 semesters

Physical therapist technicians or aides help therapists in the treatment and diagnosis of people with medical conditions and functionally-limiting injuries. This is a rigorous academic course that requires a high level of independent study. Qualified students will participate in job shadowing and/or internships in physical therapy offices or clinics. Shadowing and/or interning require reliable transportation at the sole responsibility of the student. Flexible hours may be required depending upon the availability of clinical sites.

MC44 Veterinary Assistant 2 semesters

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

BMS10 Behavior, Mental & Social Health Services 2 semesters

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

HUMAN SERVICES

CS14 Aesthetics 2 semesters (600 clock hours)

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

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

CU20 Commercial Baking and Pastry Arts 2-4 Semesters

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

Please note: Dual enrollment for college credits is available.

CS10 Cosmetology 4 semesters (1,600 clock hours)

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

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

CU10 Culinary Arts 2-4 semesters

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

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

BK10 Banking 2-4 semesters

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.

HUMAN SERVICES

CC10 Early Childhood Education 2-4 semesters
Gain hands-on experience in an on-site lab school, operated by Bridges Preschool, while learning how to interact with young children and facilitate developmentally-appropriate activities. First-year students focus on early childhood philosophy, career opportunities and current issues in health, nutrition and special education. They also gain experience with classroom management and discipline techniques. During the second year, students select an internship program and research professional opportunities. This self-paced, performance-based program allows for advancement that meets individual academic needs. Qualified students have the opportunity to earn their Child Development Associate national certification upon completion of this program and the necessary requirements.

Please note: Dual enrollment for college credits is available.

ED10 Education Professions 2 semesters
Identify philosophies and develop a leadership and teaching style. The college prep curriculum includes a survey study of the teaching profession and educational theories of learning. Conduct research, create lessons and present concepts. Participate in various job shadowing experiences.

FIT10 Fashion, Interiors and Textiles 2-4 semesters
This dynamic program introduces students to the technical knowledge and skills needed to design, produce, purchase, promote and sell merchandise and accessories. Learn about the elements and principles of design, fabrics and textiles, the use of color and texture, retail theory, visual merchandising, sewing and pattern making. Transform these skills into wearable garments, elaborate sets and window displays and participate in various EVIT events such as the annual Spring Fashion Show, Cosmetology Masquerade and Block of Dreams. Qualified students also have the opportunity to participate in job shadowing or internships during their second year of the program. *Please note: Dual enrollment for college credits is available.*

INDUSTRIAL & COMMERCIAL TECHNOLOGIES

CT10 Construction 2-4 Semesters
Learn to build a structure from the ground up! Develop hands-on skills in various disciplines of commercial and residential construction including electrical wiring, plumbing, masonry, framing, roofing, drywall and finish work. Students also gain an understanding of safety, the use of hand and power tools, blueprint reading, and estimating and construction operations. Industry-driven curriculum and internships prepare students for employment, apprenticeship programs, community college or a four-year post-secondary institution.

INDUSTRIAL & COMMERCIAL TECHNOLOGIES

AC10 Heating, Ventilation and Air Conditioning (HVAC) 2-4 Semesters
The U.S. Bureau of Labor expects the nationwide demand for trained HVAC specialists to continue to grow due to advances in technology and an aging workforce. Learn the skills required to install, service and repair air conditioning, refrigeration and heating equipment in commercial and residential settings. Students in this program gain knowledge in electrical maintenance, wiring, appliance repair, installation of light and power equipment and repair of electronic controls and circuits. Internship and job shadowing opportunities are available.

MT10 Machining Technology 2-4 semesters
The tooling and machining industry is the basis for all manufacturing and well-suited for people who like to work with their heads as well as their hands. Learn the set-up and operation of modern, manual and computerized tools used by machinists, die and mold makers and skilled professionals in the manufacturing industry. Develop leadership, management, quality control, business and customer relations skills while working towards national certifications. Students may have the opportunity to cross-train with other EVIT programs and participate in internships.

PLM10 Plumbing 2-4 semesters
The U.S. Bureau of Labor expects the nationwide demand for trained plumbing specialists to continue to grow due to an aging workforce and advances in technology. Plumbers protect the health of nations. The expert training you will receive will prepare you for a new career as a highly paid skilled technician. Students will study customer communication skills, water distribution systems, drainage waste and vent systems, plumbing fixtures, potable water quality, water heating concepts and plumbing fixture installation.

WD10 Welding 2-4 semesters
Get fired up about a career in welding while working with a variety of materials such as mild steel, aluminum and stainless steel. Learn metal fabrication and entry level welding techniques to build or repair structures or products. Work on school and customer-related projects using OXY/FUEL cutting, PLASMA cutting, SMAW, GMAW and GTAW welding. This program has an outstanding job placement rate and offers paid internships for qualified students. Students have the opportunity to become members of the American Welding Society and test for industry certification.

MULTIMEDIA

MM30 Graphic Design 2 semesters

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

MM10 Introduction to Multimedia Technologies 2 semesters

This program will prepare students interested in pursuing a career in digital photography and/or design-related field. Students will be challenged to utilize the latest digital photographic cameras, manipulate light, shadow and surrounding objects to capture images. Students will use Adobe Photoshop and Illustrator to manipulate the images in unique and creative formats. Students will work individually and in teams to create layouts, portfolios, etc. This course is the recommended prerequisite course to be taken prior to Graphic Design, Web Design or Photography.

MM20 Photography 2 semesters

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

RB10 Radio/Audio Production 2-4 semesters

EVIT's Radio/Audio Production program is home to KVIT, a fully functioning non-commercial radio station, run by students. KVIT features long and short form student-produced programming and commercial-free music. The students also work on the station website, develop apps, apply social media and assist with market research. The radio station is the center of the Radio/Audio Production program. Depending on their interest, students learn audio production, on-air performance, programming, copy writing, promotions and marketing, broadcast engineering, interview techniques and much more as they run KVIT.

TV10 Video Production 2-4 semesters

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

Please note: Dual enrollment for college credits is available.

MULTIMEDIA

MM40 Web Design 2 semesters

This program prepares students with the skills necessary to be competitive in the web design industry. Students learn Design Theory and multimedia applications to develop web advertising and marketing materials. Upon completion of this course, students are proficient in creating, developing and publishing web design projects. Students work individually and in teams to create real-world projects. Students create their own individual web site promoting their design and photography capabilities that includes a portfolio page of images created in class. The curriculum includes training in a copyright laws and valuable applications that are commonly used in the industry, such as InDesign and Dreamweaver, in addition to other graphic arts tools.

MULTIMEDIA

DA10 3D Animation 2-4 semesters

Bring creative ideas to life by combining artistic skills and design techniques to develop 3D animation, modeling and gaming projects. Develop skills in storyboarding, character development, modeling, lighting and drawing using industry-specific software such as 3ds, Max, Maya and game engine. Second-year students specialize in video game design or animation, work with outside clients and participate in internships or externships to build strong industry resumes and credentials.

Please note: Dual enrollment for college credits is available

PUBLIC SAFETY & SECURITY

FF10 Fire Science 2-4 Semesters

Prepare for employment in the fire service and learn how to protect, educate and serve the public. Gain experience through various hands-on training skills, including live fire training, search and rescue, high rise tower drills and operation of fire apparatus and equipment. The first year provides an overview of basic fire science fundamentals and the EMT program. Second-year students gain

experience through physical training, team activities and demonstrations by local, state and federal agencies.

Please note: Dual enrollment for college credits is available.

LE10 Law Enforcement 2-4 Semesters

Prepare for a career in criminal justice or a law enforcement-related field. Training includes crime scene investigations, forensics, physical fitness, report writing, patrol procedures, tactical operations and interview skills. Gain a strong foundation for organization and operation of the criminal justice system, including police, courts, jails, prisons, probation and parole and community corrections agencies. This program operates like a police academy, including rigorous physical training to prepare students for employment, an advanced degree or the military. **Please note: Dual enrollment for college credits is available.**

TRANSPORTATION TECHNOLOGIES

AM10 Automotive Technologies 2-4 semesters

Train for a career in the automotive industry through National Automotive Technicians Education Foundation (NATEF) certified instruction and Automotive Service Excellence (ASE) certified instructors. This program focuses on employment standards that prepare students for the workforce. Learn all aspects of auto repair and maintenance including engine performance, engine repair, electrical systems, brakes, steering, suspension and alignment. Practice and master hands-on skills on late-model automobiles and participate in work-based internship and job shadowing.

Please note: Dual enrollment for college credits is available.

TRANSPORTATION TECHNOLOGIES

AV05 Aviation 2-4 semesters

Explore the exciting world of aviation through classroom experiences and hands-on lab work. Learn about the history of aviation, job opportunities and "hands-on" skill sets require for careers in areas such as air transportation operations, air traffic control, airframe and power-plant maintenance, professional pilot, airport management and unmanned aircraft systems (UAS) operations.

Please note: This class is only offered at the EVIT East Campus. Dual enrollment for college credits is available.

AB10 Collision Repair 2-4 semesters

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

AM63 Diesel Technologies 2-4 semesters

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

EVIT High School Program by Campus

Note: Subject to change or adjustment based on variety of factors such as student enrollment.

Course Code	Program Name	Main	East	AJ
DA10	3D Animation	X		
CS14	Aesthetics	X		
AM10	Automotive Technologies	X		
AV05	Aviation		X	
BK10	Banking	X		
BMS10	Behavior, Mental and Social Health Services		X	
IT20	Cisco Networking Academy	X		
AB10	Collision Repair	X		
CU20	Commercial Baking and Pastry Arts	X		
IT40	Computer Programming and Mobile App Design	X		
CT10	Construction	X		X
CS10	Cosmetology	X	X	
CU10	Culinary Arts	X		X
MC60	Dental Careers	X		
AM63	Diesel Technologies	X		
IT30	Digital Device Diagnostic and Repair	X		
CC10	Early Childhood Education	X		
ED10	Education Professions	X		
MC55	Emergency Medical Technician	X		
FIT10	Fashion, Interiors and Textiles	X		
FF10	Fire Science	X		
IT60	Future Engineers		X	
MM30	Graphic Design	X		
AC10	Heating, Ventilation and Air Conditioning (HVAC)	X		
MC10	Human Anatomy & Physiology for Medical Careers	X	X	
IT10	Information Technology & Engineering Careers (iTEC)	X		
MM10	Introduction to Multimedia Technologies	X		
LE10	Law Enforcement	X		
MT10	Machining Technology	X		
MA10	Massage Therapy	X		
MC20	Medical Assistant	X	X	
MC30	Nursing Assistant	X	X	
MC43	Pharmacy Technician	X		
MM20	Photography	X		
MC45	Physical Therapy Technician	X		
PLB10	Plumbing	X		
RB10	Radio/Audio Production	X		
IT50	Robotics Engineering	X		
MC44	Veterinary Assistant		X	
TV10	Video Production	X		
MM40	Web Design	X		
WD10	Welding	X		X



QUEEN CREEK HIGH SCHOOL
9TH GRADE REGISTRATION WORKSHEET
2016-2017

STUDENT NAME _____ STUDENT ID# _____
Last First

Students and parents are encouraged to review the 2016-2017 Course Catalog and use this worksheet for careful planning. Final selections entered into “Course Request” on StudentVue during the Registration Window are binding and will not be changed. Do not lock in requests until requests are finalized. Once locked, students will not be able to make changes.

Selected Course Requests (Input both Semesters A and B online)

<u>English</u>	<input type="checkbox"/> English 9 (EN100, A and B) <input type="checkbox"/> Honors Pre-AP English 9 (EN100W, A and B)	
<u>Social Studies</u>	<input type="checkbox"/> World History (SS200, A and B) <input type="checkbox"/> Pre-AP Honors Ancient Civilizations & Geography (EL170W, A and B) ELECTIVE course recommended for students planning to take AP World History in 10 th grade. OR <input type="checkbox"/> AP Human Geography (EL201W, A and B) ELECTIVE course recommended for students who feel AP-ready and planning to take AP World History in 10 th grade.	
<u>Mathematics</u>	<input type="checkbox"/> Algebra 1 (MA100, A and B) <input type="checkbox"/> Honors Pre-AP Algebra 1 (MA100W, A and B) <input type="checkbox"/> Geometry (MA200, A and B)....(PREREQUISITE: Algebra 1 credit represented on an accredited High School transcript.) <input type="checkbox"/> Honors Geometry (MA200W, A and B) (PREREQUISITE: Algebra 1 credit represented on an accredited High School transcript. Recommended for students seeking Honors Math.	
<u>Science</u>	<input type="checkbox"/> Physical Science (SC101, A and B) <input type="checkbox"/> Honors Physical Science (SC101W, A and B) <input type="checkbox"/> Honors Biology (SC200WA and B) Recommended for Freshmen with Algebra 1 credit seeking Honors Science.	
	COURSE CODE (Include Semesters A and B)	ELECTIVE COURSE TITLE
<u>Elective</u>		
<u>Elective</u>		

I will be taking SEMINARY Release time during periods 1 through 6 at QCHS: NO _____ YES _____ Parent Initials _____
 If YES, please make sure Seminary Release is listed on one of your elective options above. Students needing additional credits can consider online Queen Creek Distance Learning courses or 0 hour Seminary (if available).

Alternate Elective Requests (Input both Semesters A and B online)

Select 4 Electives in desired order. Online *Alternate Elective Requests* includes 8 request lines (A and B for 4 electives.)

<u>Elective</u> 1 st Alternate		
<u>Elective</u> 2 nd Alternate		
<u>Elective</u> 3 rd Alternate		
<u>Elective</u> 4 th Alternate		

QUEEN CREEK HIGH SCHOOL 10th GRADE REGISTRATION WORKSHEET 2016-2017

STUDENT NAME _____ STUDENT ID# _____
Last First

Students and parents are encouraged to review the 2016-2017 Course Catalog and use this worksheet for careful planning. Final selections entered into “Course Request” on StudentVue during the Registration Window are binding and will not be changed. Do not lock in requests until requests are finalized. Once locked, students will not be able to make changes.

Selected Course Requests (Input both Semesters A and B online)

<u>English</u>	<input type="checkbox"/> English 10 (EN200, A and B) <input type="checkbox"/> Pre-Advanced Placement English 10 (EN200W, A and B)	
<u>Social Studies</u> (OR SKIP...)	<input type="checkbox"/> World History (SS200, A and B) <input type="checkbox"/> AP World History (SS201W, A and B)	SKIP SECTION if you completed World History in 9th grade – add an additional elective class. 10 th graders who took World History in 9 th grade may take AP World History as elective credit.
<u>Mathematics</u>	<input type="checkbox"/> Geometry (MA200, A and B) <input type="checkbox"/> Honors Geometry (MA200W, A and B) <input type="checkbox"/> Algebra II (MA301, A and B) <input type="checkbox"/> Honors Pre-AP Algebra II (MA301W, A and B)	
<u>Science</u>	<input type="checkbox"/> Biology (SC200, A and B) <input type="checkbox"/> Honors Biology (SC200W, A and B) <input type="checkbox"/> Environmental Science (SC300, A and B).....(PREREQUISITE: Biology) <input type="checkbox"/> Chemistry (SC301, A and B).....(PREREQUISITE: Biology, Algebra 1) <input type="checkbox"/> Honors Chemistry (SC301W, A and B).....(PREREQUISITE: Biology, Algebra 1) <input type="checkbox"/> Human Anatomy/Physiology (SC303, A and B).....(PREREQUISITE: Biology) <input type="checkbox"/> Honors Human Anatomy/Physiology (SC303W, A and B).....(PREREQUISITE: C or higher in Biology) <input type="checkbox"/> Honors Biotechnology 1 (SC305W, A and B).....(PREREQUISITE: C or higher in Biology and Algebra 1)	
	COURSE CODE (Include Semesters A and B)	ELECTIVE COURSE TITLE
<u>Elective</u>		
<u>Elective</u>		
<u>Elective</u> (If Skipping Social Studies)		

I will be taking SEMINARY Release time during periods 1 through 6 at QCHS: NO _____ YES _____ Parent Initials _____
 If YES, please make sure Seminary Release is listed on one of your elective options above. Students needing

Alternate Elective Requests (Input both Semesters A and B online)

Select 4 Electives in desired order. Online *Alternate Elective Requests* includes 8 request lines (A and B for 4 electives.)

<u>Elective</u> 1 st Alternate		
<u>Elective</u> 2 nd Alternate		
<u>Elective</u> 3 rd Alternate		
<u>Elective</u> 4 th Alternate		

QUEEN CREEK HIGH SCHOOL
11th GRADE REGISTRATION WORKSHEET
2016-2017

STUDENT NAME _____ STUDENT ID# _____

Students and parents are encouraged to review the 2016-2017 Course Catalog and use this worksheet for careful planning. Final selections entered into “Course Request” on StudentVue during the Registration Window are binding and will not be changed. Do not lock in requests until requests are finalized. Once locked, students will not be able to make changes.

Selected Course Requests (Input both Semesters A and B online)

English	<input type="checkbox"/> English 11 (EN300, A and B) <input type="checkbox"/> English 11 Honors (Dual Enrollment) (EN300W, A and B)(PREREQUISITE: Qualifying score on Accuplacer.) <input type="checkbox"/> AP Language and Composition (EN301W, A and B)	
Social Studies	<input type="checkbox"/> United States/Arizona History (SS300, A and B) <input type="checkbox"/> AP United States History (SS301W, A and B)	
Mathematics	<input type="checkbox"/> Algebraic Functions (MA300, A and B)....(NOT for univ. bound students, must take Algebra II senior year. PREREQ: Counselor / Teacher placement only.) <input type="checkbox"/> Algebra II (MA301, A and B) <input type="checkbox"/> Honors Pre-AP Algebra II (MA301W, A and B) <input type="checkbox"/> Pre-Calculus (MA401, A and B) <input type="checkbox"/> College Pre-Calculus (Dual Enrollment) (MA413, A and B).....(PREREQUISITE: Qualifying Accuplacer score.) <input type="checkbox"/> Honors College Pre-Calculus (Dual Enrollment) (MA401W, A and B).....(PREREQUISITE: Qualifying Accuplacer score.)	
Science <small>If you have 3 credits in science, you may opt out of science senior year and replace period in schedule with elective course.</small>	<input type="checkbox"/> Environmental Science (SC300, A and B) <input type="checkbox"/> Chemistry (SC301, A and B) <input type="checkbox"/> Honors Chemistry (SC301W, A and B) <input type="checkbox"/> Human Anatomy/Physiology (SC303, A and B) <input type="checkbox"/> Honors Human Anatomy/Physiology (SC303W, A and B).....(PREREQUISITE: C or higher in Biology) <input type="checkbox"/> AP Biology (SC304W, A and B)..... (PREREQUISITE: B or higher in Biology and Chemistry) <input type="checkbox"/> Honors Biotechnology 1 (SC305W, A and B) (PREREQUISITE: C or higher in Biology and Algebra 1) <input type="checkbox"/> Honors Biotechnology 2 (SC306W, A and B)(PREREQUISITE: C or higher in Biotechnology 1) <input type="checkbox"/> AP Chemistry (SC401W, A and B)(PREREQUISITE: Chemistry) <input type="checkbox"/> Physics (SC400, A and B) (PREREQUISITE: Chemistry) <input type="checkbox"/> AP Physics 1 (SC402W, A and B) (PREREQUISITE: Chemistry)	
	COURSE CODE (Include Semesters A and B)	ELECTIVE COURSE TITLE
Elective		
Elective		

I will be taking SEMINARY Release time during periods 1 through 6 at QCHS: NO _____ YES _____ Parent Initials _____
 If YES, please make sure Seminary Release is listed on one of your elective options above. Students needing additional credits can consider online Queen Creek Distance Learning courses, Online Seminary or 0 hour Seminary.

Alternate Elective Requests (Input both Semesters A and B online)

Select 4 Electives in desired order. Online *Alternate Elective Requests* includes 8 request lines (A and B for 4 electives.)

Elective 1st Alternate		
Elective 2nd Alternate		
Elective 3rd Alternate		

QUEEN CREEK HIGH SCHOOL 12th GRADE REGISTRATION WORKSHEET 2016-2017

STUDENT NAME _____ STUDENT ID# _____

Students and parents are encouraged to review the 2016-2017 Course Catalog and use this worksheet for careful planning. Final selections entered into "Course Request" on StudentVue during the Registration Window are binding and will not be changed. Do not lock in requests until requests are finalized. Once locked, students will not be able to make changes.

Selected Course Requests (Input both Semesters A and B online)

<u>English</u>	<input type="checkbox"/> English 12 (EN400, A and B) <input type="checkbox"/> English 12 Honors (Dual Enrollment) (EN400W, A and B)(PREREQUISITE: Qualifying score on Accuplacer) <input type="checkbox"/> AP Literature and Composition (EN401W, A and B)	
<u>Social Studies</u>	<input type="checkbox"/> Economics / Government (SS400 and SS401) <input type="checkbox"/> Honors Economics / Honors Government (SS400W and SS401W)	
<u>Mathematics</u>	<input type="checkbox"/> Algebra II (MA301, A and B) (Not University prep math, see catalog.... (PREREQ: Counselor / Teacher placement only) <input type="checkbox"/> Pre-Calculus (MA401, A and B) <input type="checkbox"/> College Pre-Calculus (Dual Enrollment) (MA413, A and B).....(PREREQ: Qualifying score on Accuplacer) <input type="checkbox"/> Honors College Pre-Calculus (Dual Enrollment) (MA401W, A and B)...(PREREQ: Qualifying score on Accuplacer) <input type="checkbox"/> AP-Honors Calculus (MA404W, A and B).....(PREREQUISITE: Qualifying score on Accuplacer)	
<u>Science</u>	<input type="checkbox"/> Environmental Science (SC300, A and B) <input type="checkbox"/> Chemistry (SC301, A and B) <input type="checkbox"/> Honors Chemistry (SC301W, A and B) <input type="checkbox"/> Human Anatomy/Physiology (SC303, A and B) <input type="checkbox"/> Honors Human Anatomy/Physiology (SC303W, A and B).....(PREREQUISITE: C or higher in Biology) <input type="checkbox"/> AP Biology (SC304W, A and B)..... (PREREQUISITE: B or higher in Biology and Chemistry) <input type="checkbox"/> Honors Biotechnology 1 (SC305W, A and B) (PREREQUISITE: C or higher in Biology and Algebra 1) <input type="checkbox"/> Honors Biotechnology 2 (SC306W, A and B)(PREREQUISITE: C or higher in Biotechnology 1) <input type="checkbox"/> AP Chemistry (SC401W, A and B)(PREREQUISITE: Chemistry) <input type="checkbox"/> Physics (SC400, A and B) (PREREQUISITE: Chemistry) <input type="checkbox"/> AP Physics 1 (SC402W, A and B) (PREREQUISITE: Chemistry) <input type="checkbox"/> AP Physics 2 (SC403W, A and B) (PREREQUISITE: AP Physics 1)	
	COURSE CODE (Include Semesters A and B)	ELECTIVE COURSE TITLE
<u>Elective</u>		
<u>Elective</u>		

For SENIOR RELEASE TIME (no credit), enter elective code 'RT400A AND B'

I will be taking SEMINARY Release time during periods 1 through 6 at QCHS: NO _____ YES _____ Parent Initials _____
 If YES, please make sure Seminary Release is listed on one of your elective options above.
 Seniors in Seminary during periods 1 through 6 must maintain 5 credit earning classes. Students needing additional credits can consider online Queen Creek Distance Learning courses or 0 hour Seminary (if available).

Alternate Elective Requests (Input both Semesters A and B online)

Select 4 Electives in desired order. Online *Alternate Elective Requests* includes 8 request lines (A and B for 4 electives.)

<u>Elective</u> 1 st Alternate		
<u>Elective</u> 2 nd Alternate		
<u>Elective</u> 3 rd Alternate		
<u>Elective</u> 4 th Alternate		

NOTES