

## Casa Grande Union High School District



**Personalized Learning:** *“Every student is unique and deserves the power to shape their personal paths toward success”.*

# Course Description 2024-2025

### Governing Board

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District Office	520-316-3360	1362 N. Casa Grande Ave

**[www.cguhsd.org](http://www.cguhsd.org)**



elcome to the Casa Grande Union High School District where every student is unique and deserves the power to shape their personal paths toward success. We are committed to empowering all students with the knowledge, understanding and skills necessary for success in college, career, and life.

To help you make the best choice of what courses to take, we have provided you with a course catalog as a reference guide. This catalog identifies the various courses offered by the Casa Grande Union High School district; however, the courses listed may not be offered at every site.

Please take time to review the guidelines and requirements in the catalog, and thoughtfully select your courses.

We look forward to an exciting new year of success for all of our students.

### ***Our Mission:***

**"To inspire excellence by providing globally competitive educational and career opportunities for all students".**

### ***Our Vision:***

**"All Living the Pursuit of Excellence for Lifetime Achievement"**

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NOTICE OF NONDISCRIMINATION

Casa Grande High School District #82 prohibits discrimination in employment and educational programs based on race, color, religion, sex, age, disability, national origin, military status, genetic test information, sexual orientation or gender identity or expression and provides equal access to the Boy Scouts and other designated youth groups. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator(s), Glenda Cole, Human Resources Director at (520) 316-3360 ext. 1104 or [gcole@cguhsd.org](mailto:gcole@cguhsd.org).

All materials can be translated upon request by contacting, Glenda Cole, Human Resources Director at (520) 316-3360 ext. 1104 or [gcole@cguhsd.org](mailto:gcole@cguhsd.org).

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Toda la información/lectura puede ser traducida en español contactando Glenda Cole director de Recursos Humanos al (520) 316-3360 ext. 1104 o [gcole@cguhsd.org](mailto:gcole@cguhsd.org).

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## General Information

Education is an important part of being prepared for life. The Casa Grande Union High School District (CGUHSD) curriculum provides an emphasis on the academic skills needed by all students, as well as opportunities to expand personal and academic achievement through higher level classes. Graduation diploma requirements include satisfactory attendance and completion of class credit requirements.

This course catalog contains a list of high school courses offered in the Casa Grande Union High School District, graduation requirements, as well as other pertinent information. Students need to carefully consider the information in this catalog so they can make informed decisions about their course of study while attending a CGUHSD high school.

### Courses Offered

This catalog lists courses offered and is provided to assist in planning students' schedules. The courses listed may not be offered at every site and may not be offered both semesters. In addition, courses may be canceled due to lack of enrollment or may be limited to specific grade levels. Student requests determine if a course is offered as a zero (0) or seventh (7<sup>th</sup>) hour or offered during the regular school day. See the Guidance Counselors for more information.

### Online Registration/Enrollment

Enrollment is conducted online for all new students. Each school will provide information about course offerings. General information is available on the school and district websites. Below are documents that are required to submit when enrolling a new student:

- ✓ Proof of residence (Arizona driver's license, electric or water bill, lease agreement)
- ✓ Proof of Custody or Guardianship, if applicable
- ✓ Copy of Parent/Guardian Photo Identification
- ✓ Birth Certificate
- ✓ Immunization Records
- ✓ Withdrawal Papers from previous school, including Unofficial Transcript, if applicable

### Open Enrollment

Open Enrollment enables Arizona students to attend public schools outside their attendance area. In accordance with state law, the Casa Grande Union High School District offers an open enrollment program without charging tuition to non-resident students and resident transfer students. Refer to the CGUHSD board policy JFB (Open Enrollment).

Please visit the Casa Grande Union High School District's website at [www.cguhsd.org](http://www.cguhsd.org) for further information regarding open enrollment.

### Course Schedule Procedures

Selecting courses is an important process that involves students, parents, and school personnel. After reviewing course offerings and considering a student's long-term goals, a full schedule of classes is selected. Although there is no guarantee that a student will receive a schedule with all the requested first choices, every attempt is made to ensure a schedule is correct and accurate. If an error is made, school personnel will work to correct the situation. Keep in mind that schedule changes will only be made for the following reasons:

- ✓ If you passed a scheduled class during summer school
- ✓ If you failed or did not complete a prerequisite course
- ✓ If you are placed in a class inappropriate to your ability level
- ✓ If you are missing a required class
- ✓ If a clerical or computer error was made in assigning your classes

We expect that students will thoroughly discuss their desires in dropping a class with their parents/guardians and the teacher, keeping in mind the possible consequences for graduation, class rank, career preparation, or college admission. Athletes and students involved in extracurricular activities should pay special attention to the consequences of dropping a class and its effect on eligibility.

### Course and Credit Guidelines

- One (1) unit of credit is granted for work completed in a subject that meets one (1) period daily for the academic

- year. (0.5 for each semester completed, i.e. 1<sup>st</sup> semester Eng 9=0.5 credit; 2<sup>nd</sup> semester Eng 9=0.5)
- One-half (.5) unit of credit is granted for work completed in a subject that meets one (1) period daily for one (1) semester of the academic year.
- Students are expected to be enrolled in six (6) classes per semester during the school day to be considered on track for graduation.
- Students who are co-enrolled in Casa Grande Union High School District and the designated joint Career and Technical Education District (CAVIT) will be provided an opportunity to enroll in the appropriate number of classes through their home campus.
- No more than one (1) credit earned as Teacher Assistant (TA) will be counted among the twenty-three (22) credits required for graduation.
- Students will be classified as a freshman, sophomore, junior, or senior depending on their cohort year. Students will automatically advance to the next year's classification at the end of the school year.

### **Scheduling Requirements and Co-Curricular Eligibility**

Freshmen, Sophomores and Juniors must enroll in a minimum of six (6) credit-bearing classes. Seniors are encouraged to enroll in six (6) classes; however, they must enroll in a minimum of four (4) classes. Only Seniors will be allowed a release period. There must be extenuating circumstances for Juniors to request a release period. There are minimum course loads that must be maintained for students participating in AIA events. Consult the Assistant Principal for Athletics for details.

### **Placement in Courses**

Students are encouraged to challenge themselves by selecting courses that foster academic achievement and follow a program of study that supports a post-secondary path.

## **Credits and Rank**

### **Transfer of Credits from Other Schools Outside of CGUHSD**

Transfer students who plan to graduate from Casa Grande Union High School will be held responsible for all CGUHSD graduation requirements. All coursework completed outside CGUHSD will be evaluated to determine if credit will be awarded. The acceptance of credits from other schools is based upon a variety of factors, such as the grades earned, the number of days or hours the courses met, the alignment of course content between the sending school and the receiving Casa Grande Union school, the same course or similar course is offered in CGUHSD, and the platform in which the course was completed. Casa Grande Union reserves the right to require entering students to take placement or test out exams to determine the most appropriate placement or to demonstrate minimum competency for core credit transfer.

### **Weighted Classes**

Weighted courses are designed to reward the student who accepts greater challenges and more work by enrolling in the most academically demanding classes. The weight is utilized in computing class rank; the student who has taken the respective weighted course offering may have earned grades identical to those of another student, but the additional class rank point attached to the course would serve to elevate the former student's class rank. Refer to the CGUHSD board policy IKC and IKC-R (Class Rankings/Grade Point Averages) for further information.

### **Competency Exams (Testing Out)**

Upon request of the student, the local governing board shall provide the opportunity for the student to demonstrate competency in a core subject area in lieu of classroom time. Students may request competency exams in the areas of English, Math, Science, and Social Studies. Students are only permitted to take desired competency tests in sequential order, and a student may schedule only one competency test at a time. Students must earn a minimum of 70% to receive credit for the course. Students will receive the grade designation of Pass or Fail. Weighted credit will not be provided for competency exams. The student and parent must complete an application provided by the Guidance Office. The fee for this test is \$35.

\*All test fees listed reflect the amount at the time of publication of this document and are subject to change.

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### High School/College Dual Credit

The CGUHSD may offer dual enrollment credit through selected courses. These courses meet the requirements of both HS and College courses and will be taught by instructors who meet the requirements of college instructors. To take these courses, students will need to meet the minimum requirements established by the District and CAC.

Please see your guidance counselor for additional information. <https://centralaz.edu/admissions/placement/>

## Admission to Colleges and Universities

Admission requirements to colleges and universities vary greatly. Students seeking out-of-state admissions will want to become familiar with college websites for undergraduate entrance requirements. Out-of-state schools have additional requirements, and it is recommended that the student visit the college websites.

For assured admission the in-state public universities will admit applicants who meet basic aptitude and competency requirements. To meet aptitude requirements, students must earn a 3.0 on a 4.0 unweighted grade scale on sixteen (16) “core” classes, or rank in the upper twenty-five percent (25%) of their high school graduating class or score twenty-two (22) on the ACT exam, or 1120 on the SAT exam. To meet competency requirements, students must demonstrate academic competency in each of the sixteen (16) required subjects (core competencies).

National Collegiate Athletic Association (NCAA) Eligibility: all prospective student athletes who intend to participate in Division I or II athletics as freshmen in college must register and be certified by the NCAA Initial-Eligibility Clearinghouse upon completion of their junior year. A specific group of courses is required by NCAA. NCAA approved high school courses taken as an eighth (8<sup>th</sup>) grader that appear on the high school transcript may be recognized by NCAA. NCAA will not recognize high school courses taken in seventh (7<sup>th</sup>) grade or prior years. **Note: Credit Recovery classes are not accepted by the NCAA to meet core requirements.**

Students who desire to participate in collegiate athletics at division 1 or 2 schools must register with the NCAA clearinghouse to be eligible to play. Students should register at the end of their junior year/beginning of senior year. Due to continual updating of courses, approved courses are posted at [www.ncaa.org](http://www.ncaa.org)

### CAC Early College Programs

CAC Early College (fall and spring semesters only) is a way for high school students to enroll in college at the same time they are enrolled in high school. Unlike the First Step Program, which is a summer offering, students participating in Early College may concurrently enroll in CAC classes during the regular fall and spring semester of high school. As with the First Step Program, students may enroll in Early College at the end of their sophomore or junior year and may take up to 5 college credits and receive a tuition waiver for the cost of the courses. Students must pay for their textbooks and provide their own transportation to CAC. The ACUPLACER (placement test) must be taken prior to enrolling in CAC. The ACUPLACER is offered at each of the CGUHSD high schools during both the fall and spring semesters, or students may complete this step as part of the First Step and/or Early College orientation process. <https://centralaz.edu/admissions/placement/> These college courses may count for dual credit. To receive dual credit, students must have an official transcript sent to their high school. Students will receive honors weighted GPA credit for dual credit course if they successfully complete an English, Mathematics, Science, Social Studies, or World Language course(s) that transfer to a four-year university. To apply for First Step or Early College, students will need to pick up an application from the Guidance Office.

### Testing Information

College Board Exams (SAT Reasoning Test & ACT) are required by many colleges and universities as part of meeting admission requirements. Most universities accept either test. The ACT or SAT exams should first be taken at the end of the junior year. Registration deadline for each test is five weeks prior to the test date. Check with your counselor or on the exam posters in the Career Center for this information. You may also take the exams at other sites during the year. Registration and preparation booklets may be obtained in the Career Center. Fee waivers are available if the cost of these tests will cause a hardship. Free testing practice is available at the Casa Grande City Library and online.

Test	Description
<b>ACT</b>	American College Test, or ACT, is divided into five subject areas: English, Mathematics, Reading, Science, and Writing. Arizona Department of Education requires that the ACT be administered to all 11 <sup>th</sup> grade students in the spring of their junior year as a part of statewide testing.
<b>ACT/Aspire</b>	The ACT Aspire is good preparation for the ACT Assessment Test, which is used for college admissions. The ACT Aspire provides information for educational and career planning. Arizona Department of Education requires that the ACT Aspire be administered to all 9 <sup>th</sup> grade students in the Spring of their freshman year as a part of statewide testing. The Armed Services Vocational Aptitude Battery is given in the fall for juniors and seniors. Taking this test does NOT enlist you in the military but will give you valuable career interest and aptitude insight into yourself. This test is voluntary and free for both juniors and seniors
<b>ASVAB</b>	The Armed Services Vocational Aptitude Battery is given in the fall for juniors and seniors. Taking this test does NOT enlist you in the military but will give you valuable career interest and aptitude insight into yourself. This test is voluntary and free for both juniors and seniors. requirements for student assessment. It is administered in the spring to students in Grades 5, 8, and 11.
<b>AZSci</b>	AZSci is a Standards-Based Assessment that measures student proficiency of the <u>Arizona Academic Content Standard in Science</u> . It meets federal requirements for student assessment. It is administered in the spring to students in Grades 5, 8, and 11.
<b>CogAt</b>	The Gifted Department offers the Cognitive Abilities Test as an evaluation instrument for identifying students who are eligible for gifted education services. This test is organized into three separate batteries: Verbal, Quantitative and Non-verbal. Referral for this test may be received by students, teachers, and parents. This test is administered at each site in the fall. Any student may take the test that has not been tested within the last 12 months
<b>PSAT</b>	The Guidance Department recommends that college-bound 10 <sup>th</sup> and 11 <sup>th</sup> grade students take the PSAT Test. The top scoring one half of one percent of the 11 <sup>th</sup> grade students taking the PSAT can qualify for National Merit Scholarships. Eleventh grade African American students may request entry to the National Achievement Program (over 700 Achievement Scholarship awards) when they take the PSAT. Not only is the PSAT good practice for the SAT, but it is also used as a determining factor for AP potential and can be used to compare a student's academic skills with other college-bound students. The cost to take the PSAT was \$16.00 per student last year; however, arrangements can be made in the Guidance Office if money is an issue. The PSAT Test is offered in October. <i>*Fee waivers are available for qualified students-see your counselor.</i>
<b>SAT</b>	The Scholastic Aptitude Test is now known as the SAT Reasoning Test. This test consists of 3 areas – Critical Reading, Mathematics and a Writing Test. The fee for this test is \$47.50; \$64.50; with Writing. Registration materials are available in the Guidance Office or registration can be completed online at: <a href="http://www.collegeboard.com">www.collegeboard.com</a> . This web site also offers a FREE practice test and a daily practice question. <i>*Fee waivers are available for qualified students-see your counselor.</i>

## Academic Requirements

Curriculum	CGUHSD Graduation Requirements	Arizona Admission Requirements Universities
<b>English</b>	4 credits	4 credits
<b>Math</b>	4 credits (Algebra and higher)	4 credits (Algebra and higher)
<b>Science</b>	3 (Lab Science)	3 (Lab Science)
<b>Social Studies</b>	3 credits	2 credits
<b>PE/Heath</b>	1 credit	0 credits
<b>World Languages</b>	0	2 credits (same language)
<b>Fine Arts/CTE</b>	1 credit	1 credit
<b>Electives</b>	6 credits	0 credits





Questions about Arizona university admission requirements should be referred to the Undergraduate Admissions Office at each university. Students entering Arizona four-year colleges and universities, after the year in which they graduated from high school, are expected to have met the entrance requirements in effect in the year they graduated from high school.

Certain colleges within the state universities may require additional courses for admission (examples: Nursing and Forestry). Students should check with their student advisors for specific course requirements. Weighted grade point values may not be accepted by some universities for determining class rank and/or admission. Students should contact individual universities for specific grading considerations.

Out-of-state schools have additional requirements and differ considerably. It is suggested students review admissions requirements at each school to see specific requirements.

## Diploma Requirements

To graduate from the Casa Grande Union High School District, a student must have successfully earned twenty-two (22) credits in the areas listed in the chart above. The purpose of this catalog is to help students and their families plan to meet academic and career goal. In addition to the catalog, Casa Grande Union students will develop an Education and Career Action Plan (ECAP).

### Education and Career Action Plan

The Arizona State Board of Education requires an Education and Career Action Plan (ECAP) for all Arizona students in grades nine (9) through twelve (12). Students in grades nine (9) through twelve (12) will develop an Education and Career Action Plan (ECAP). An ECAP reflects a student's current plan of coursework, career aspirations, and extended learning opportunities to develop the student's individual academic and career goals.

### American Civics Test

Specific requirements are set by the Arizona State Board of Education. Students are required to pass a civics test based on the United States Immigration and Naturalization civics questions. Through the graduating class of 2025, a score of 60/100 correct or higher is required to graduate from high school. Beginning with the class of 2026, a score of 70/100 correct or higher is required to graduate from high school.

### Arizona State Seal of Biliteracy

The Arizona Seal of Biliteracy is an award given by the school district or County Office of Education in recognition of students who have studied and attained proficiency in two (2) or more languages by high school graduation. The Seal of Biliteracy takes the form of a seal that appears on the transcript or diploma of the graduating senior and is a statement of accomplishment for future employers and for college admissions. Qualifications to earn the Seal of Biliteracy include:

- Students must successfully complete all English Language Arts requirements for graduation with an overall GPA in those classes of 2.0 or higher on a 4.0 scale.
- The student must receive a passing score in English Language Arts on the state assessment.
- In the second language, students must attain the required score on language assessment as adopted by the State Board of Education in the four (4) domains of speaking, listening, writing, and reading.

## Extended Educational Opportunities

### Credit Recovery

Credit Recovery is available to all Casa Grande Union High School District students. Students who need to recover credit from a failed core academic course required for graduation may do so through a variety of options. See a counselor for more information. NOTE: Colleges and universities may not allow credit recovery courses to be used to meet entrance or NCAA requirements.

## Dual Enrollment College Courses

The CGUHSD may offer dual enrollment credit through selected courses. These courses meet the requirements of both HS and College courses and will be taught by instructors who meet the requirements of college instructors. To take these courses, students will need to meet the minimum requirements established by the District and CAC. See your guidance counselor for additional information. <https://centralaz.edu/admissions/placement/>

Courses will be held in conjunction with Central Arizona College. Arizona General Education Curriculum (AGEC-A)

**Program Description:** The Arizona General Education Curriculum (AGEC-A) fulfills lower-division general education requirements for students planning to transfer to an Arizona public university or community college. The AGEC-A transfers as a block of at least 35 credits which meet the target institution's general education requirements provided student earns a grade point average of 2.0 on a 4.0 scale for an associate degree, and a GPA of 2.5 out of 4.0 for assured admission to the AZ public universities. Students may earn both high school and college credit for these classes.

Class offerings are dependent on the availability of qualified instructors and student enrollment.

CAC Course	CGUHSD Course	Year Offered
English 101	English 12 S1	12
English 102	English 12 S2	12
History 101 US History	Us History S1	11
History 102 US History	US History S2	11
History 103 History of West. Civilization	World History S1	10
History 104 History of West Civilization	World History S2	10
POS 101 American Politics	Us Government	12
ECM201 Princ. Of Macroeconomics	Economics	12
MAT121 Intermediate Algebra Std	Algebra II S1	11 or 12
MAT151 College Algebra	Precalculus S1	11 or 12
MAT182 Trigonometry	Precalculus S2	11 Or 12
BIO181 General Biology I	Biology S1	10
BIO182 General Biology II	Biology S2	10
CHM151 General Chemistry I	Chemistry S1	11 or 12
CHM 152 General Chemistry II	Chemistry S2	11 or 12
PHY111 College Physics I	Physics S1	12
PHY112 college Physics II	Physics S2	12
SPA101 Elementary Spanish I	Spanish I S1	10 or 11
SPA102 Elementary Spanish II	Spanish I S2	10 or 11
SPA201 Intermediate Spanish I	Spanish II S1	11 or 12
SPA202 Intermediate Spanish II	Spanish II S2	11 or 12

Each semester credit will transfer as 1/6 of a high school credit. Therefore, a class earning 3 semester hours will transfer as a 0.5 credit class at CGUHSD. See your guidance counselor prior to enrolling in any CAC courses you intend to transfer for high school credit. If you are not sure if a class will transfer to a university, see your guidance counselor.

## Advanced Placement (AP)

Advanced Placement (AP) Courses are college-level classes, taught at high school, which require significant reading, writing, and independent study. Courses are challenging and offered to academically motivated students who wish to pursue excellence in their studies. AP coursework covers a national curriculum that prepares students to take the Advanced Placement exam for their subject(s) in the spring. Students who do well on the AP exam may be granted credit by their college for that subject.

Students are expected to make informed and committed decisions prior to signing up for an AP course. Information about AP courses is shared each year during spring course selection to help students make an informed decision regarding their course selections. Instructors review the course content, structure, rigor, and expectations for AP courses in their subject area classes. Students and parents must sign an AP Agreement, which is a statement of understanding regarding the rigor of the coursework and commitment to the yearlong course. **Note: Students who take an AP class are expected to take the AP exam.**

**Weighted credit is awarded for honors and AP courses; however, students must finish an AP course in its entirety and take the AP exam to earn weighted credit.**

## **Educational Programs**

Casa Grande Union High School District offers specialized programs designed to meet the needs of specific high school students. Students should see a school counselor for more information.

### **English Learners (EL)**

The CGUHSD English Acquisition Services Department provides student services in the form of English Language Development classes to those students who qualify. If a student scores less than proficient on the AZELLA, he or she may qualify for one or two hours of daily ELD or SEI (Sheltered English Immersion) instruction. Areas of instruction include Reading, Writing, Grammar and/or Vocabulary. In these courses, students focus on the English Language Proficiency Standards.

The CGUHSD English Acquisition Services Department offers English Language Development classes to students who qualify. Students who score below proficient on the AZELLA may receive one or two hours of daily targeted English, ELD or SEI instruction, focusing on Reading, Writing, Grammar, and/or Vocabulary. These courses are designed to help students meet Arizona English Language Proficiency Standards (ELPS). Students must be approved by the EL Coordinator before enrollment.

### **Native American Education**

Indian Education provides academic support and services to all CGUHSD Native American students. The program offers a specialist to assist students in achieving their academic goals. Contact the Counseling Office for further information.

### **Student Success (Special Education)**

The Special Education Department at Casa Grande Union High School District offers a continuum of programs that are available to students with identified disabilities. Eligible students are provided services from least restrictive which is provided in the general education classrooms to most inclusive which are programs on and off our campuses. Services for students eligible for special education are determined by each student's individualized education program team. The Individualized Education Program (IEP) considers the unique strengths, needs, and preferences of each student, therefore, services range across a continuum of placement options as directed by federal and state statute and regulations. For some students a more specialized program is required. Reach out to the counselors if you have questions regarding our programs and support.

Registration for Special Education classes are based on each student's Individual Education Plan (IEP) and arranged through the student's counselor and ESS Service provider on each campus.

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

The purpose of CTE is to help students acquire technical, academic, and professional skills; make informed decisions about occupational options; and to create a post-secondary plan that provides a competitive advantage in both educational and employment opportunities in a chosen field. CGUHSD currently offers 13 programs across our campuses.

- All CTE students prepare for entry level employment and can plan for advanced education in students' chosen fields of study.
- CTE students who complete a two (2) or three (3) year CTE Program of Study and pass the Technical Skills Assessment will earn a certificate from the state of Arizona.
- All CTE students will have the opportunity to earn at least one industry recognized credential by the time they complete a program.
- CGUHSD CTE Program internships provide CTE students with an opportunity to engage in work-based learning through participation in structured work experience both on campus through Student Based Enterprises and in the community that involves the application of previously developed CTE knowledge and skill.

## Central Arizona Valley Institute of Technology (CAVIT)

CAVIT is a Career and Technical Education (CTE) District that works with Casa Grande Union High School District and other Central Arizona districts. The 13 Arizona-approved CTE programs offered at Casa Grande Union High School District are evaluated annually through the CAVIT quality program process. The CAVIT Coolidge location offers Arizona approved Career and Technical Education programs that are in addition to those available on our campuses. CGUHSD students may attend CAVIT programs for 2 hours each day. The rest of the day is spent at their home high school in academic courses and other electives. Shuttle bus transportation is available between home schools and CAVIT. The link to the CAVIT Course information is included in the CTE course grade level options found below.

## Career and Technical Education (CTE) Programs

CTE offers several program options. All courses include project-based learning and provide opportunities for students to earn industry credentials. The following is a list of programs and suggested sequences for course completion at CGUHSD: 2 years=program completion. Each program offers additional years that allow for further study and more in-depth involvement in CTSO activities, scholarship opportunities, internships and embedded or dual credit. See pages in this section for additional information about these courses and CAVIT programming. One year of any CTE course earns one credit hour.

### CTE Course Grade Level Options

*Union only		**Vista only	
Freshman	Sophomore	Junior	Senior
Agri Science *	Agri Science*	All on-site programs.	Any on-site programs in which the student already passed level 1.
Construction Tech	Construction Tech	Plus, off-site CAVIT and CAC	All programs including off-site CAVIT and CAC Welding Tech.
Engineering*	Engineering*	Welding Tech.	
Marines/JROTC	Marines/JROTC	<a href="http://www.cavitschools.com">www.cavitschools.com</a>	
Marketing	Marketing	<a href="https://centralaz.edu/">https://centralaz.edu/</a>	
Software and App Design*	Software and App Design*		Intern level in 3- and 4-year programs for students that have passed levels 1,2, and 3.
	Automation and Robotics **		
Note: Other electives outside of CTE programs are available for career exploration and can be found in the Career Industry Electives section below.	Automotive Technology*		
	Biotechnology*		
	Culinary Arts		
	Early Childhood Education		
	Graphic Design **		
	Technical Theater **		

### CTE Course Sequences

<b>Agricultural Science</b> Year 1: Ag Science or Welding in Ag 1 Year 2: Ag Science or Welding in Ag 2  <b>CTSO: FFA</b> <b>Certifications:</b> Food Handlers, OSHA 10, iCEV: BASF Plant Science  <b>2 years=program completion</b> <b>3 years=embedded credit possible in Ag Science</b> <b>2 Additional years available</b>  <b>Begin:</b> Grades 9, 10 or 11	<b>Automation and Robotics</b> Year 1: Automation and Robotics I Year 2: Automation and Robotics II  <b>CTSO: Skills USA</b> <b>Certifications:</b> OSHA 10, CSWA, SACA  <b>2 years=program completion</b> <b>1 Additional year available</b>  <b>Begin:</b> Grades 10 and 11	<b>Automotive Technology</b> Year 1: Automotive I Year 2: Automotive II  <b>CTSO: Skills USA</b> <b>Certifications:</b> OSHA 10, ASE  <b>2 years=program completion</b> <b>1 Additional year available</b>  <b>Begin:</b> Grades 10 and 11
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<b>Biotechnology</b> Year 1: Biotechnology Science I Year 2: Biotechnology Science II  <b>CTSO: HOSA</b> <b>Certifications:</b> OSHA10, BACE  <b>2 years=program completion</b> <b>2 Additional years available</b>  <b>Begin: Grades 10 and 11</b>	<b>Construction Technology</b> Year 1: Construction Tech I Year 2: Construction Tech II  <b>CTSO: Skills USA</b> <b>Certifications:</b> OSHA 10, NCCER  <b>2 years=program completion</b> <b>3 years=embedded credit possible</b> <b>2 Additional years available</b>  <b>Begin: Grades 9, 10 or 11</b>	<b>Culinary Arts</b> Year 1: Culinary Arts I Year 2: Culinary Arts II  <b>CTSO: FCCLA</b> <b>Certifications:</b> Food Handlers, Serve Safe  <b>2 years=program completion</b> <b>1 Additional year available</b>  <b>Begin: Grades 10 and 11</b>
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<b>Early Childhood Education</b> Year 1: Early Childhood Education I Year 2: Early Childhood Education II  <b>CTSO: FCCLA</b> <b>Certifications:</b> Food Handlers, CPR/First Aid, Para Pro  <b>2 years=program completion</b> <b>Additional year available</b>  <b>Begin: Grades 10 and 11</b>	<b>Engineering</b> Year 1: Engineering I Year 2: Engineering II  <b>CTSO: Skills USA</b> <b>Certifications:</b> CSWA and CSWP  <b>2 years=program completion</b> <b>3 years=embedded credit possible</b> <b>Additional years available</b>  <b>Begin: Grades 9 and 10</b>	<b>Graphic Design</b> Year 1: Graphic Design I Year 2: Graphic Design II  <b>CTSO: Skills USA</b> <b>Certifications:</b> ACP: Adobe  <b>2 years=program completion</b> <b>Additional years available</b>  <b>Begin: Grades 10 and 11</b>
<b>Marines/JROTC</b> Year 1: JROTC I Year 2: JROTC II  <b>CTSO: JROTC</b>  <b>2 years=CTE Program Completion</b> <b>Additional years available for upper classmen</b>  <b>Begin: Grades 9 and 10</b>	<b>Marketing</b> Year 1: Marketing I Year 2: Marketing II  <b>CTSO: DECA</b> <b>Certifications:</b> Food Handlers, NRF: RiseUp  <b>2 years=program completion</b> <b>3 years=embedded credit possible</b> <b>Additional years available</b>  <b>Begin: Grades 9, 10 or 11</b>	<b>Software and App Design</b> Year 1: Software and App Design I Year 2: Software and App Design II  <b>CTSO: Skills USA</b> <b>Certifications:</b> TBD 2024  <b>2 years=program completion</b> <b>Additional years may be available beginning 2025.</b>  <b>Begin: Grades 9, 10 or 11</b>
<b>Technical Theater/Stage Craft</b> Year 1: Tech Theater I Year 2: Tech Theater II  <b>CTSO: Skills USA</b> <b>Certifications:</b> OSHA 10  <b>2 years=program completion</b> <b>Additional year available</b> <b>Begin: Grades 10 or 11</b>	<b>Off-site: CAVIT Programs</b>  <i>Additional high school programs that are not available on our campuses. See CGUHSD course catalog and visit <a href="http://www.cavitschools.com">www.cavitschools.com</a> for more information.</i>  <b>Begin: Grades 11 or 12</b>	<b>Off-site: Welding Technologies I &amp; II</b>  <i>CAC Dual Credit with Concurrent Enrollment Opportunity  CAC acceptance is required for this two-year program.  Available in Fall 2024.</i>  <b>Begin: Grades 11 or 12</b>

## Career and Technical Education Courses

All CGUHSD CTE programs meet the Arizona Department of Education program approval criteria. Our 13 programs across all campuses include: Agricultural Science, Automation and Robotics, Automotive Technology, Biotechnology, Construction Technology, Culinary Arts, Engineering, Graphic Design, JROTC, Marketing, Software and App Design, and Stage Craft. The CTE department offers the opportunity for students to earn embedded core credit in state approved courses. Embedded credit may be obtained in certain courses but requires District approval by the CTE and Curriculum

Directors. Each year the embedded credit state guidelines, teacher credentials, curriculum, and CGUHSD Board policies are reviewed for compliance by the CTE and Curriculum Directors. Students who take any CTE course in anticipation of embedded core credit must complete all core courses required by law during the 4 years enrolled at CGUHSD. Counselors must verify student eligibility for core credit with the CTE director before the credit is granted.

Some CTE courses may qualify for dual enrollment allowing students to earn both HS and college credit simultaneously. To take these courses students may need to meet the college requirements for taking the courses (usually pass the college reading assessment). For a detailed list of which of these courses qualify for college credit and to see the requirements to get this credit, contact a Guidance Counselor or the District Career and Technical Education Director. Fees will be collected at registration and are non-refundable. All CTE programs offer nationally recognized industry certifications. If you feel that your child is eligible for a CTE class fee waiver due to economic hardship, please contact the District's CTE Director: Lisa Miller [lemiller@cguhsd.org](mailto:lemiller@cguhsd.org) or 520-316-3360 ext.1122.

### **Agriscience & FFA**

Students interested in Agriculture, Food Manufacturing, Natural Resources, and related technology may be interested in Agriscience. FFA is the Career and Technical Student Organization associated with this program. **All enrolled students will be encouraged to complete this four-year program. Students will earn industry-approved credentials appropriate for the level of safety, food handling, and technical skills required at each level of the program. Food Handlers, OSHA 10, and BASF Plant science are included.**

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

#### **Agriscience I**

**CTE105**

**AZ18900**

**Grades: 9 – 10**

**Credit: 1.0**

**Site: CG**

**Program Fee: \$40** (collected at registration)

Agriscience is an introductory course to agriculture. This course will cover a wide area of subject matter focusing primarily on Leadership Development and Plant Science. The units of instruction are as follows: FFA Organization supervised agricultural experience, plant growth and safety, vegetative reproduction, plumbing and introduction to welding. Planning and conducting a Supervised Agricultural Experience program and membership in the FFA are requirements of this course.

**Duration: 1 year**

**Prerequisite: None**

**Credit Type: CTE or Elective**

#### **Agriscience II**

**CTE107**

**AZ18901**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: CG**

**Program Fee: \$40** (collected at registration)

**Prerequisite: Agriscience I**

Agriscience II is a basic course in agriculture. This course will cover a wide area of subject matter focusing primarily on Animal Science. The units of instruction are as follows: FFA Organization, supervised agricultural experience, livestock selection, livestock feeding, livestock production management, plant growth and development, financial records, insects, laboratory safety, vegetative reproduction, plumbing and introduction to welding. Planning and conducting a Supervised Agricultural Experience program and membership in the FFA are requirements of this course.

**Duration: 1 year**

**Credit Type: CTE or Elective**



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**Agriscience III****CTE109****AZ18902****Grade: 11 – 12****Credit: 1.0****Site: CG** **Program Fee: \$40** (collected at registration)**Prerequisite: Agriscience II**

Agriscience III is an upper-level agriculture class that will cover advanced agriculture science and leadership practices. The units of instruction are as follows: FFA Organization, public speaking, parliamentary procedure, financial records, agriculture business management, micro computers in agriculture, tractor operation, landscape design, surveying and land measurement and arc, GMAW and oxy-acetylene welding. Management of the greenhouse and school arboretum maintenance will also be part of this course. Planning and conducting a Supervised Agricultural Experience program and membership in the FFA are requirements of this course.

**Duration: 1 year****Credit Type: CTE or Elective****Agriscience IV****CTE111****AZ18903****Grades: 12****Credit: 1.0****Site: CG** **Program Fee: \$40** (collected at registration)**Prerequisite: Agriscience III**

Agriscience IV is an upper-level agriculture class that will cover advanced agriculture mechanics, business management and leadership practices. The units of instruction are as follows: FFA Organization, public speaking, crop production, financial records, micro computers in agriculture, tractor operations, landscape design and installation, irrigation systems, electrical wiring, agriculture, hydroponics, and advanced arc, GMAW and ox-acetylene welding. Planning and conducting a Supervised Agricultural Experience program and membership in the FFA are requirements of this course.

**Duration: 1 year****Credit Type: CTE or Elective****Welding Fundamentals in Agriculture I****AZ18404****Grades: 10 – 11****Credit: 1.0****Site: CG** **Program Fee: \$40** (collected at registration)

Welding Fundamentals in Agriculture I is an introductory course that will cover beginning metal cutting and welding, agriculture mechanics and leadership practices. The units of instruction are safety, project design and construction, advanced SMAW, GMAW and oxy-acetylene welding, welding equipment, maintenance, and repair. Units of instruction in FFA Organization and Supervised Agricultural Experience may also be covered. This course requires planning and conducting a Supervised Agricultural Experience program and membership in the FFA.

**Duration: 1 year****Credit Type: CTE or Elective****Welding Fundamentals in Agriculture II****AZ18404****Grades: 11 – 12****Credit: 1.0****Site: CG** **Program Fee: \$40** (collected at registration)**Prerequisite: Welding Fund. I**

Welding Fundamentals in Agriculture II builds on the skills in the Welding Fundamentals in Agriculture I course in basic welding, agriculture mechanics and leadership practices. The units of instruction are safety, project planning and design, advanced SMAW, GMAW and oxy-acetylene welding. Units of instruction in FFA Organization and Supervised Agricultural Experience may also be covered. Planning and conducting a Supervised Agricultural Experience program and membership in the FFA are requirements of this course.

**Duration: 1 year****Credit Type: CTE or Elective**

## Welding Fundamentals in Agriculture III

**AZ18404**

**Grade: 12**

**Credit: 1.0**

**Site: CG**

**Program Fee: \$40** (Collected at registration)

**Prerequisite: Welding Fund. II**

Welding Fundamentals in Agriculture III is an advanced class that will cover advanced metal cutting and welding, agriculture mechanics and leadership practices. The units of instruction are safety, project design and construction, advanced SMAW, GMAW and oxy-acetylene welding, welding equipment, maintenance, and repair. Units of instruction in FFA Organization and Supervised Agricultural Experience may also be covered, planning, and conducting a Supervised Agricultural Experience program and membership in the FFA are requirements of this course.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### ***Automation and Robotics & Skills USA***

Students interested in Manufacturing, Distribution, Logistics or STEM may be interested in this program. Skills USA is the Career and Technical Student Organization associated with this program. All enrolled students will be encouraged to complete this two-year program. Students will earn industry-approved credentials appropriate for the level of safety and technical skills required at each level of the program which can include CSWA and SACA. The Automation and Robotics program prepares students for a career and further study as an automation technician.

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

## Automation and Robotics I

**CTE294**

**AZ13900**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: VG**

**Program Fee: \$40** (Collected at registration)

This class provides students with automation skills in basic precision manufacturing principles and technical skills. Students will develop skills in electronics, hydraulics, mechanics, and pneumatics to inspect, troubleshoot, program, modify, or repair robotic systems and machines. Students will understand and apply their skills to manufacturing systems, production planning documentation, technical problem solving, management information systems, preventive maintenance, and quality control for automated manufacturing. The Automation and Robotics program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning through various robotics competitions, supervised occupational experience, and the Career and Technical Student Organization Skills USA.

**Duration: 1 year**

**Credit Type: CTE or Elective**

## Automation and Robotics II

**CTE298**

**AZ13231**

**Grades: 10 – 12**

**Credit: 1.0**

**Site: VG**

**Program Fee: \$40** (Collected at registration)

**Prerequisite: Automation & Robotics I**

This is the second course in the coherent sequence for Automation and Robotics. Students in this course will learn how automation reduces the need for human labor. Students will understand the math, science and technology of robots, their design, and application in industrial automation for manufacturing. Students will learn control systems, robotics, and computer applications and how they are used to control machinery in industry. Students will gain a working knowledge of electronics, programming, mechanics, pneumatics, and applicable software through technical skills in support of technicians and other personnel engaged with robotics. Students will have the opportunity to earn either CSWA or the SACA industry certification on an individual basis. They will continue to participate in Skills USA and other industry partnered robotic demonstrations and competitions.

**Duration: 1 year**

**Credit Type: CTE or Elective**



### Automation and Robotics III

CTE300

AZ13902

Grades: 11-12

Credit: 1.0

Site: VG      Program Fee: \$40 (Collected at registration)

Prerequisite: Automation & Robotics I & II

Automation and Robotics III is the third course in the coherent sequence for Automation and Robotics program. This course provides students with a higher level of understanding and fundamentals of how automation is used to improve quality and efficiency. Students will gain knowledge of Production Line Automation process, and computer software language programming that relates to industry machinery and programming. Students will gain industry knowledge and practice to enhance their automation and robotics mechanical and electrical understanding and skills. The program will enrich students' experience and technical skills to solve manufacturing, technical, and programming improvements and challenges.

Students will be introduced to 3D printing practice, knowledge, and skills to apply and improve their SolidWorks skills gained in Automation and Robotics I and Automation and Robotics II. Automation and Robotics III will provide the opportunity for students to earn SolidWorks or SACA certification. They will continue to participate in Skills USA, grow their leadership skills and participate in other robotics work-related activities.

Duration: 1 year

Credit Type: CTE or Elective

### *Automotive Technologies & Skills USA*

Students interested in the Transportation Industry and the services involved with the care and maintenance of various vehicles may be interested in this program. Skills USA is the Career and Technical Student Organization associated with this program. All enrolled students will be encouraged to complete this three-year program. Students will earn industry-approved credentials appropriate for the level of safety and technical skills required at each level of the program including OSHA and ASE certifications.

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### Automotive Technology I

CTE121

AZ20900

Grades: 10 – 11

Credit: 1.0

Site: CG      Program Fee: \$40 (Collected at registration)

This class provides the student with basic knowledge and understanding of the automotive field and career opportunities. We cover safety, theory of operation, construction, maintenance procedures and repair of automotive components. The class is divided into two parts, 80% classroom lecture and demonstrations and 20% practical shop experience. Students will be assigned safety glasses to be always worn in the shop. Students are encouraged to participate in Skills USA.

Duration: 1 year

Credit Type: CTE or Elective

### Automotive Technology II

CTE123

AZ20104

Grades: 11 – 12

Credit: 1.0

Site: CG      Program Fee: \$40 (Collected at registration)

Prerequisite: Automotive Tech I

The student will be trained with a higher degree in mechanical theory and will start learning troubleshooting techniques. The students will spend 80% of their time in the lab. Students will be assigned safety glasses to be worn in the shop. Students are encouraged to participate in Skills USA and can begin earning ASE certifications.

Duration: 1 year

Credit Type: CTE or Elective

### Automotive Technology III Intern

CTE125

AZ20106

Grade: 12

Credit: 1.0

Site: CG      Program Fee: \$40 (Collected at registration)

Prerequisite: Automotive Tech II

The student should possess an average degree of mechanical aptitude and trouble shooting ability. Emphasis is on advance theory, diagnosis, and repair of today's automobiles. Students will be assigned safety glasses to be worn in the shop. Students are encouraged to participate in Skills USA and can earn additional ASE certifications.

Duration: 1 year

Credit Type: CTE or Elective

### *Biotechnology and HOSA*

Students interested in Health Science, Research, Biology and related topics in STEM may be interested in the Biotech program. The program prepares individuals to apply scientific principles and technical skills in support of biologists and biotechnologists in research, industrial, and government settings. Students will also learn leadership skills and job seeking skills. All enrolled students will be encouraged to complete this two-year program. Students will earn industry-approved credentials appropriate for the level of safety and technical skills required at each level of the program which will include OSHA 10 and BACE as determined by the state of Arizona. HOSA is the affiliated Career and Technical Student Organization for this program.

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### Biotechnology Science I

CTE356

AZ14251

Grades: 10

Credit: 1.0

Site: CG      Program Fee: \$40 (Collected at registration)

Prerequisite: Interest in science & Technology

Students will learn basic biotechnology skills such as accurate and precise measurement, the basics of experimental design, pH, and the ethics of biotechnology. Students will also learn leadership skills and job seeking skills including participation in HOSA activities.

Duration: 1 year

Credit Type: CTE or Elective

### Biotechnology Science II

CTE269

AZ14252

Grade: 11

Credit: 1.0

Site: CG      Program Fee: \$40 (Collected at registration)

Prerequisite: Biotechnology Science I

This course will prepare students to apply scientific principles and technical skills in support of biologists and biotechnologists in research, industrial, and government settings. Students will continue to use experimental design and will explore fermentation technology, cell culturing, gel electrophoresis, and bioinformatics. Students will learn and utilize leadership skills and job seeking skills while participating in HOSA activities.

Duration: 1 year

Credit Type: CTE or Elective

### Biotechnology Science III

CTE271

AZ14907

Grades: 11-12

Credit: 1.0

Site: CG

Program Fee: \$40 (Collected at registration)

Prerequisite: Biotech Science II

This course builds upon the skills students learn in Biotechnology II, preparing them to assist in research, industry and government settings. Students will continue to use experimental design in both simulations and hands-on experiments. Students are encouraged to grow in leadership and job-seeking skills through continued participation in HOSA, including state-level leadership roles.

Duration: 1 year

Credit Type: CTE or Elective

### Biotechnology Science Intern

CTE283

AZ14299

Grade: 12

Credit: 1.0

Site: CG

Program Fee: \$40 (Collected at registration)

Prerequisite: BioTech I, II, III

This course builds upon the skills students learn in Biotechnology III. Students will continue to use experimental design in both simulations and hands-on experiments. Real-world applications of skills are continually sought. Students are encouraged to grow in leadership and job-seeking skills through continued participation in HOSA, including state-level leadership roles. Students will design and conduct a research experiment that will be credible to those in the biotechnology industry. Students participating in state level leadership roles in HOSA will be encouraged to design their project around their HOSA related activities.

Duration: 1 year

Credit Type: CTE or Elective

## Construction Technologies & Skills USA

Students interested in careers in Architecture and Construction may want to enroll in this program. Skills USA is the Career and Technical Student Organization associated with this program. All enrolled students will be encouraged to complete this three-year program. Students will earn industry-approved credentials appropriate for the level of safety and technical skills required at each level of the program including OSHA 10 and NCCER stackable certifications.

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**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Construction Technology I

CTE133

AZ17930

Grades: 9 – 10

Credit: 1.0

Site: CG, VG

Program Fee: \$40 (Collected at registration)

This class provides the student with basic knowledge and understanding of the construction field and career opportunities. We cover safety in the shop, theory of operation, construction, maintenance procedures and repair of automotive components. The class is divided into two parts 80% classroom lecture and demonstrations and 20% practical shop experience. Students will be assigned safety glasses to be worn in the shop. Students are encouraged to participate in Skills USA. OSHA 10 is recommended at this level.

Duration: 1 year

Credit Type: CTE or Elective

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## **Construction Technology II**

**CTE135**

**AZ17959**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: CG, VG**

**Program Fee: \$40** (Collected at registration)

**Prerequisite: Construction Tech I**

For the second-year construction student who has a knowledge of hand tools and power machinery, this class is a more in-depth look at construction trades. Projects become more complicated and require attention to detail. Concrete, framing and roofing are just three of the many trades that will be investigated and performed. The class is designed to expand your knowledge of the construction trades processes and values. Students will be required to have proof of an OSHA 10 safety card or complete the requirements to possess one. NCCER Core Curriculum qualifications upon successful completion of curriculum requirements.

**Duration: 1 year**

**Credit Type: CTE or Elective**

## **Construction Technology III**

**CTE347**

**AZ17933**

**Grades: 11 – 12**

**Credit: 1.0**

**Site: CG, VG**

**Program Fee: \$40** (Collected at registration)

**Prerequisite: Construction Tech II**

For the student who has become skilled and crafty, this course provides hands-on experience and is activity-based. Each day we meet in the classroom and then go to the job site where you perform the job at hand. You must create job estimates and provide quality service to the community. Jobs such as room additions, car ports, and patio awnings are very common for this class. Students will be required to have proof of an OSHA 10 safety card or complete the requirements to possess one. NCCER Core Curriculum requirements. NCCER Construction Technology credentials will be issued upon successful completion of NCCER requirements. Leadership roles in Skills USA are encouraged.

**Duration: 1 year**

**Credit Type: CTE or Elective**

## **Construction Internship**

**CTE237**

**AZ17049**

**Grade: 12**

**Credit: 1.0**

**Site: CG, VG**

**Program Fee: \$40** (Collected at registration)

**Prerequisite: Construction Tech III & must be 16 yrs. old**

This course provides CTE students an opportunity to engage in learning through participation in a structured work experience and does not necessarily require classroom instruction that involves the application of previously developed Construction Technologies knowledge and skills. Leadership roles in Skills USA are encouraged.

**Duration: 1 year**

**Credit Type: CTE or Elective**

## **Culinary Arts & FCCLA**

Students interested in learning about and working in the Hospitality industry may want to enroll in Culinary Arts. FCCLA is the Career and Technical Student Organization associated with this program. All enrolled students will be encouraged to complete this three-year program. Students will earn Food Handlers Cards and can pursue additional industry certification from Serve Safe Food Management or other state approved certifications as they progress through the program.

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### **Culinary Arts I**

**CTE139**

**AZ16058**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: CG, VG      Program Fee: \$40** (Collected at registration)

Culinary Arts I is an introductory foods class where basic cooking techniques and food experiments are applied in laboratory situations. Areas covered are quick breads, cakes, sauces, pasta, egg cookery, sanitation, and safety. Food science and food service careers are explored along with job placement skills. Additional cookery skills include the study of yeast breads, pies, pastries, cookies, and beverages. Fast food techniques, presentation skills, sanitation and dining room service are covered. The care and use of large commercial equipment and food service careers are explored.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### **Culinary Arts II**

**CTE143**

**AZ16059**

**Grades: 11 – 12**

**Credit: 1.0**

**Site: CG, VG      Program Fee: \$40** (Collected at registration)

**Prerequisite: Culinary Arts I**

Advanced Culinary Arts is a class that focuses on the preparation of American regional cuisines, international cuisines, and the various aspects of catering and food cost controls. Students will explain and demonstrate the appropriate cooking methods for a variety of foods. Front-of-the-house experience is also offered as part of this course. The areas of kitchen safety and food sanitation will be emphasized. Students will extend their knowledge of catering, baking and culinary arts by providing catered events for school and community.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### **Culinary Arts III Intern**

**CTE239**

**AZ16099**

**Grades: 11 – 12**

**Credit: 1.0**

**Site: CG, VG      Program Fee: \$40** (Collected at registration)

**Prerequisite: Culinary Arts II & be 16 yrs. old**

This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences related to the standards identified for the Culinary Arts Program. Students at this level are encouraged to participate in the CCAP scholarship competitions and activities in addition to FCCLA.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### ***Early Childhood Program & FCCLA***

Students interested in learning about child development will want to enroll in the early childhood program. FCCLA is the Career and Technical Student Organization associated with this program. All enrolled students will be encouraged to complete this three-year program. Students can earn a Food Handlers Card; CPR Certification and 18-year-old students will be required to hold a fingerprint card. TB antibodies test is required. Upon completion of the program students are encouraged to take the ParaPro exam as the state recognized industry credential to prepare for further education or seek employment upon graduation.

***Italics underline*** = Requires student IEP

**^** = University approved

**\*** = weighted rank status

**!** = Dual credit and weighted grade (depending on enrollment and staffing availability)

#### **Early Childhood Education I**

**CTE147**

**AZ19052**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

This is the introductory course for the Early Childhood Education Program. First semester the students will study the various stages of child development, from conception to age 5. Students will receive certification in Basic First Aid and Pediatric and Adult Basic Life Support and do basic work in the preschool lab. In the second semester, students will learn the basic techniques of teaching and observing young children. Students will also participate in leadership activities and develop employable skills for future job success. This is the beginning level for students to participate and work in the preschool on campus. Students will pick a child to observe and create a final report.

**Duration: 1 year**

**Credit Type: CTE or Elective**

#### **Early Childhood Education II**

**CTE149**

**AZ19153**

**Grades: 11 – 12**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

**Prerequisite: Early Childhood Ed I**

Students will learn about the total learning environment, observing techniques, music, and movement. Teaching skills will be more advanced in the Preschool. Nutrition and healthy lunches will be studied and planned. Students will assist during field trips with preschoolers and continue to work in the Preschool.

**Duration: 1 year**

**Credit Type: CTE or Elective**

#### **Early Childhood Education III Internship**

**CTE245**

**AZ19171**

**Grades: 12**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

**Prerequisite: Early Childhood Ed II & 16 yrs. old**

Students will learn about organizing and running a preschool. The students will study the early learning standards and the State regulations. Students will be managers of the preschool and mentors to the first-year students. They will plan the menus, field trips, preschool plays, parent letters, preschool graduation and help approve all lessons. The district will assist 18-year-old students with obtaining the required fingerprint card. Teacher Approval is required.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### ***Engineering Program & Skills USA***

Students interested in STEM topics, Manufacturing, Infrastructure and Transportation Industries may be interested in the Engineering program. Skills USA is the Career and Technical Student Organization associated with this program. All enrolled students will be encouraged to complete this three-year program. Students will earn industry-approved credentials appropriate for the level of safety and technical skills required at each level of the program which may include OSHA 10, CSWA, and other state approved credentials.

***Italics underline*** = Requires student IEP

**^** = University approved

**\*** = weighted rank status

**!** = Dual credit and weighted grade (depending on enrollment and staffing availability)

#### **Engineering I**

**CTE350**

**AZ21001**

**Grades: 9 – 10**

**Credit: 1.0**

**Site: CG**

**Program Fee: \$40** (Collected at registration)

In this course, students explore engineering to address global needs, applying a problem-solving process. They combine technical skills with critical thinking to innovate and create solutions, using technology and tools. Collaboration, both in-person and online, is emphasized for achieving organizational goals. Students also learn proper conduct aligned with organizational expectations, exercising initiative and self-direction in the workplace. They learn to function effectively within organizational cultures, adhering to laws, rules, and ethical practices. This introductory course includes basic problem solving and engineering tools.

**Duration: 1 year**

**Credit Type: CTE or Elective**

#### **Engineering II**

**CTE352**

**AZ21024**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: CG**

**Program Fee: \$40** (Collected at registration)

**Prerequisite: Engineer I**

In this course, students use mathematical and scientific laws and principles in practical ways for engineering technology. They also develop communication skills for working on engineering projects. The focus is on applying these skills to enhance organizational productivity. Students will be presented with a series of design challenges to which they will apply the engineering design process and analysis techniques to implement practical solutions.

**Duration: 1 year**

**Credit Type: CTE or Elective**

#### **Engineering III**

**CTE312**

**AZ21999**

**Grades: 11-12**

**Credit: 1.0**

**Site: CG**

**Program Fee: \$40** (Collected at registration)

**Prerequisite: Engineering II**

This course provides an opportunity for students to apply the fundamentals of mathematics and science to engineering through the study of analog and digital electronics and computer engineering in a hands-on, project-based approach. In this class, students learn how to use project management tools for engineering solutions. The focus is on applying these skills to enhance organizational productivity.

**Duration: 1 year**

**Credit Type: CTE or Elective**

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**Engineering IV/Intern****AZ21999****Grades: 12****Credit: 1.0****Site: CG****Program Fee: \$40** (Collected at registration)**Prerequisite: Engineering III**

This course prepares students to use critical thinking skills and apply formulations from pre-calculus and basics to innovative engineering job functions of research, design, development, testing and analysis when preparing products. Students also develop the ability to use financial knowledge to ensure the organization is profitable and sustainable. The course teaches a comprehensive approach to project management, emphasizing inclusive collaboration and aligning financial skills with the organization's overall goals for lasting success. Students will apply concepts of math and science, and problem-solving skills to different systems through effective interaction with diverse individuals. Students will develop an organizational culture that adheres to workplace laws and ethics and apply financial literacy to meet the organization's goals.

**Duration: 1 year****Credit Type: CTE or Elective**



## Graphic Design & Skills USA

Graphic design may be interesting for students who enjoy combining creativity with technology and the creation of relevant, well-designed communication through various means. Skills USA are the Career and Technical Student Organizations associated with this program. All enrolled students will be encouraged to complete this three-year program. Students will earn industry-approved credentials appropriate for the level of safety and technical skills required at each level of the program and may include Adobe certification at various levels.

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Graphic Design I

CTE155

AZ11902

Grades: 10 – 11

Credit: 1.0

Site: VG

Program Fee: \$40 (Collected at registration)

Graphic Design I will prepare students to apply technical knowledge and skills to the layout, design, and typographic arrangement of printed and/or electronic graphic and textual products. The Graphic Design program includes instruction in the operational use of Adobe Creative Suites industry-standard software applications. Participation in Skill USA is strongly encouraged.

Duration: 1 year

Credit Type: CTE or Elective

### Graphic Design II

CTE157

AZ11153

Grades: 11 – 12

Credit: 1.0

Site: VG

Program Fee: \$40 (Collected at registration)

Prerequisite: Graphic Design I

The Graphic Design II course includes advanced instruction in digital imaging, print preparation, page layout and design, desktop publishing, and applicable principles of graphic design and web page design as well as an in-depth examination of graphic and web design's role in various commercial, industrial, and entertainment enterprises. Students will have the opportunity to earn Industry Certifications using Adobe Creative Suites software. Participation in Skills USA competitive and leadership events is strongly encouraged.

Duration: 1 year

Credit Type: CTE or Elective

### Graphic Design III

CTE325

AZ11154

Grades: 12

Credit: 1.0

Site: VG

Program Fee: \$40 (Collected at registration)

Prerequisite: Graphic Design II

The Graphic Design III course is an optional internship. This course takes the knowledge from Graphic Design I & II to a professional, project-based level. Students who demonstrate interest and ability may be asked to participate in projects for their school and community. Students will have the opportunity to earn Industry Certifications using Adobe Creative Suites software. Participation in Skills USA or FBLA is strongly encouraged.

Duration: 1 year

Credit Type: CTE or Elective

## ***Marketing & DECA***

The course may interest students interested in entrepreneurship, business management or those interested in being better informed consumers. Marketing is the study of various business functions centered around consumers and products. DECA is the Career and Technical Student Organization associated with this program. All enrolled students will be encouraged to complete this two-year program. Industry credentials include the National Retail Foundation Retail Industries RISE-Up certification recognized by national retailers operating in our area.

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**^** = University approved

**\*** = weighted rank status

**!** = Dual credit and weighted grade (depending on enrollment and staffing availability)

### **Marketing I**

**CTE167**

**AZ12916**

**Grades 9 – 10**

**Credit: 1.0**

**Site: CG, VG      Program Fee: \$40** (Collected at registration)

Students learn the basics of Marketing as it applies to entertainment, sports, fashion, tourism, and general retail marketing. Students will understand Sales and Marketing as it applies locally, nationally and internationally while exploring the economic impact of these industries; understand the marketing concepts and promotional strategies used to create positive brands and product endorsement, and general retail sales and marketing; designing advertisements, logos, and multi-media promotions for sports teams, tourist destinations, fashion industries and entertainment companies. Participation in DECA activities is encouraged.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### **Marketing II**

**CTE169**

**AZ12202**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: CG, VG      Program Fee: \$40** (Collected at registration)

**Prerequisite: Marketing I**

This course is a school classroom/lab experience with students working in the DECA Store and gaining advanced marketing information in the classroom. Class activities include a brief overview of marketing functions previously covered. As a part of their co-curricular activities, students can participate in all DECA activities, conferences and competitive events which further prepare them for sales, marketing, management, and leadership in the workplace. Students will create a career portfolio, learn leadership styles for the workplace, practice oral communications, business and financial management, business decisions, practice selling, demonstrate an understanding of customer needs and make product presentations, know and demonstrate how to handle objections, know and demonstrate closing and follow-up activities, create an appealing display, know the elements and role of branding, packaging and labeling, understand how to present product features, and demonstrate satisfactory employability skills.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### **Marketing III**

**CTE310**

**AZ12917**

**Grades: 11 – 12**

**Credit: 1.0**

**Site: CG, VG      Program Fee: \$40** (Collected at registration)

**Prerequisite: Marketing II**

This course is an option for dedicated Marketing students to delve further into specialized Marketing areas such as entertainment, fashion, tourism, and hospitality. This is the year that students can become leaders in DECA at the state level as a part of their co-curricular activities. Most class time will be spent on hands-on activities.

**Duration: 1 year**

**Credit Type: CTE or Elective**

## Marketing Internship

CTE255

AZ12922

Grades: 12

Credit: 1.0

Site: CG, VG      Program Fee: \$40 (Collected at registration)

Prerequisite: Marketing III & 16 years old

This course provides marketing students with an opportunity to engage in learning through participation in structured work experience that can be completed both inside and outside of the school day. The internship requires the application of previously developed Marketing knowledge and skills. DECA state officers fulfilling their leadership responsibilities may be enrolled in this internship. The internship requires the application of skills related to the Technical Standards of the Marketing program.

Duration: 1 year

Credit Type: CTE or Elective

### *Marine Corps Junior Reserve (JROTC)*

Students interested in careers in Government or Law and Public Safety may be interested in JROTC. The Marine JROTC curriculum covers diverse areas which include marksmanship, physical fitness, land navigation/mountaineering, public speaking, military history, customs and courtesy, leadership, first aid, close order drill, drug and alcohol awareness, current events, "real world" social skills, teamwork, and problem-solving techniques. This program is not combat oriented, nor is it a recruiting activity. The objective is to teach young adults to become informed and responsible citizens, develop leadership skills, strengthen character, and promote an understanding of the basic elements and requirements of national security. Additional objectives are to help students develop self-discipline, confidence, and integrity. Semi-annually, the unit travels to the West coast so that cadets can receive "firsthand" knowledge of selected active U. S. Marine Corps units and their mission. Physical fitness through running, exercise etc. is required weekly. Uniforms will be issued and are the required wear on weekly inspection days.

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**Equivalency credit: Successful completion of JROTC Leadership I fulfills one PE credit for high school graduation from CGUHSD.**

## JROTC I

CTE328

AZ09908

Grades: 9 – 11

Credit: 1.0

Site: CG, VG      Program Fee: \$40 (Collected at registration)

**Prerequisites: U.S. Citizen or U.S. National, physically able to participate in unit physical fitness programs; be of good moral character as determined by the school principal and the unit SMI. Students must be free of legal proceedings involving criminal misdemeanors or felonies for one school year prior to enrollment in JROTC.**

This course includes instruction in leadership and wellness. The areas of focus are patriotism, leadership fundamentals, ability to follow, discipline, drill, and ceremonies. Marine Corps history and organization, rifle safety, firing, money management, civic responsibilities, and wellness to include health, nutrition, first aid, stress reduction, responsible lifestyle, sexual behavior, etiquette, conflict resolution, substance abuse, physical fitness (present and lifelong). Physical fitness training intensifies. Individual responsibilities are increased.

Duration: 1 year

Credit Type: CTE or PE

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**JROTC II**

**CTE330**

**AZ09909**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

**Prerequisite: JROTC I**

This course expands the skills learned in JROTC 1, leadership principles, problem solving, Inspection procedures, unit drills, sword manual, map reading, role of officers, and physical fitness testing.

**Duration: 1 year**

**Credit Type: CTE**

**JROTC III**

**CTE332**

**AZ09910**

**Grades: 11 – 12**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

**Prerequisite: JROTC II**

This course expands the skills learned in JROTC II, leadership principles, problem solving, Inspection procedures, unit drills, sword manual, map reading, role of officers, and physical fitness testing.

**Duration: 1 year**

**Credit Type: CTE or Elective**

**JROTC IV**

**CTE334**

**AZ09911**

**Grades: 12**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

**Prerequisite: JROTC III**

This course expands the skills learned in JROTC III, as well as leadership, problem solving, inspection, procedures, unit drills, sword manual, map reading, role of officers, and physical fitness testing.

**Duration: 1 year**

**Credit Type: CTE or Elective**

## ***Software and Application Design and Skills USA***

Students interested in Information Technology, Marketing, and learning how to code web design and development that are used each day will want to enroll in this program. This course is designed so that students build knowledge and skills that meet the needs of the workplace. Skills USA is the Career and Technical Student Organization with this program. All enrolled students will be encouraged to complete this two-year program. Students will earn industry-approved credentials appropriate for the level of safety and technical skills required at each level of the program as determined by the state of Arizona.

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### **Software and App Design I**

**CTE344**

**AZ10906**

**Grades: 9 – 11**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

This is the introductory course for the Software and App Design program. This course introduces principles of computers and telecommunications for retrieving, storing, or sending electronic information in industries as e-commerce, electronics, health, internet or semi-conductor, basic concepts of computer maintenance, computer security, data management, network technologies, programming, software development and web page development while also providing an understanding of the IT industry, computer mathematics and the evolution of the computer. The course encourages creative problem-solving and initiative, aligning technical knowledge with critical thinking. Students learn to conduct themselves professionally and autonomously in the workplace, contributing to organizational goals.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### **Software and App Design II**

**CTE444**

**AZ10151**

**Grades: 10– 12**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

**Prerequisite: Software & App Design I**

This course builds upon the skills learned in Software and App Design I and applies them to various coding projects. Students will begin to perform operations in more complex ways as they progress through the program, learning programming languages retrieving, storing, or sending electronic information in industry and commerce. Students learn to create efficient algorithms, use data structures, handle errors, and practice version control. Throughout the school year, they collaboratively and independently design, develop, and implement programs. Students also develop an understanding of organizational culture, adhere to workplace laws and ethics, and apply financial knowledge for organizational profitability and viability.

**Duration: 1 year**

**Credit Type: CTE or Elective**

### **Software and App Design III**

**CTE TBD**

**AZ10151**

**Grades: 11-12**

**Credit: 1.0**

**Site: CG, VG**      **Program Fee: \$40** (Collected at registration)

**Prerequisite: Software & App Design II**

This course builds upon the skills learned in Software and App Design II and applies them to various coding projects. Students will perform operations in more complex ways and learn additional programming languages retrieving, storing, or sending electronic information in industry and commerce. Students learn to create efficient algorithms, use data structures, handle errors, and practice version control. Throughout the school year, they will design, develop, and implement programs. Students also develop an understanding of organizational culture, adhere to workplace laws and ethics, and apply financial knowledge for organizational profitability and viability.

**Duration: 1 year**

**Credit Type: CTE or Elective**

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### ***Technical Theater (Stage Craft) and Skills USA***

Students interested in the Arts, Audio/Visual Technology, and Communication who want to work behind the scenes using design, construction, technical and mechanical skills in support of performance art will be interested in Technical Theatre. Skills USA is the Career and Technical Student Organization with this program and students are encouraged to be active members. All enrolled students will be encouraged to complete this three-year program. Students will earn industry-approved credentials appropriate for the level of safety and technical skills required at each level of the program including OSHA 10.

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**\*** = weighted rank status

**!** = Dual credit and weighted grade (depending on enrollment and staffing availability)

#### **Tech Theater I**

**CTE227**

**AZ05056**

**Grades: 10 – 11**

**Credit: 1.0**

**Site: VG** **Program Fee: \$40** (Collected at registration)

This course prepares students to apply knowledge and skills to artistic, technical, and dramatic principles to communicate through theatrical methods. The design, scene painting, property management, production management, video design, costume design, technical direction and production, and digital applications program includes instruction in set design, lighting design, sound design and audio engineering.

**Duration: 1 year**

**Credit Type: CTE or Elective**

#### **Tech Theater II**

**CTE257**

**AZ05060**

**Grades: 11- 12**

**Credit: 1.0**

**Site: VG** **Program Fee: \$40** (Collected at registration)

**Prerequisite: Tech Theater 1**

This course prepares individuals to manage the planning, design, preparation, and application of theatrical production in Technical Theatre I.

**Duration: 1 year**

**Credit Type: CTE or Elective**

#### **Tech Theater III**

**CTE285**

**AZ05061**

**Grades: 11 – 12**

**Credit: 1.0**

**Site: VG** **Program Fee: \$40** (Collected at registration)

**Prerequisite: Tech Theater II**

This course provides students an opportunity to apply previously developed knowledge and skills in structured work experiences that involve the application of previously developed performing arts and entertainment industry knowledge and skills.

**Duration: 1 year**

**Credit Type: CTE or Elective**

## Off-campus CTE Opportunities

CGUHSD offers two local, off-campus opportunities in Career and Technical Education to our students through our partnerships with CAVIT (Central Arizona Valley Institute of Technology) and CAC (Central Arizona College).

### CAVIT (Central Arizona Valley Institute of Technology)

CAVIT is the CTED (Career and Technical Education District) in Pinal County that works in partnership with CGUHSD and other districts in the county. All courses offered by CAVIT are held at their campus in Coolidge. **CAVIT communicates directly with enrolled students and their parents concerning CAVIT expectations.**

CGUHSD provides transportation to CAVIT from both Casa Grande Union and Vista Grande according to our school calendar for students enrolled in a CAVIT course. Buses leave each campus at 6:15 AM and return at approximately 9:30 AM for session 1 classes and leave at 11:20 AM and return at approximately 2:40 PM for session 2 classes.

To enroll in a CAVIT course, students must be on track to graduate on time, work with their counselors to ascertain eligibility, and apply through the CAVIT website according to the deadlines set by CAVIT. Students need to verify that they are on track for graduation with help from their guidance counselor before CAVIT courses can be placed on their schedules. **CAVIT reviews eligibility and space available before sending an “approved” list to each campus.** In addition to enrolling at CAVIT, all CGUHSD students must take four (4) classes on their home campus. This may mean enrolling in a “zero” or “7<sup>th</sup>” hour course to meet the required enrollment hours. For details about courses and enrollment available at CAVIT, check their website: [www.cavitschools.org](http://www.cavitschools.org).

## Welding Technologies CAC Dual Credit

### Welding I and II (Central Arizona College)

**AZ13207**

**AZ13241**

**Grades: 11 – 12**

**Credit: 1.0**

**Site: CG, VG**

The Welding Technologies program is a concurrent enrollment, college-level course, offered in person at Central Arizona College during the school day over two years. Transportation may be provided depending upon the student's schedule. The course prepares students to acquire welding skills and techniques and will be verified with Weldment testing. They will develop a working knowledge of blueprint reading and the welding processes for Shielded Metal ARC Welding (SMAW), Gas Metal ARC Welding (GMAW), Flux Cored ARC Welding (FCAW), and Gas Tungsten ARC Welding (GTAW) with the use of thermal cutting equipment. Students learn about the tools and equipment for the welding trade. Students will begin the course in a cohort, with the next cohort beginning in August 2024.

**Duration: 2 years**

**Prerequisite: None**

**Credit Type: CTE or Elective**



## English Course Sequence

**Credits Required for Graduation:** 4 credits

**Credits Required for University:** 4 credits

Students must successfully complete four years of English including English 9, English 10, English 11 and an English 12 option.

All senior options meet the 4<sup>th</sup> year English course as outlined by the Arizona Department of Education, the Arizona College and Career standards, and university admission requirements.

Pathway Options			
	Traditional <sup>^</sup> 	Modified* <i>See course expectations</i>	College and Career Ready*! 
9 <sup>th</sup>	English 9	<ul style="list-style-type: none"> <li>English 9 (co-taught)</li> <li>English 9 Essentials</li> <li>English 9 Skills</li> </ul>	Honors English 9
10 <sup>th</sup>	English 10	<ul style="list-style-type: none"> <li>English 10 (co-taught)</li> <li>English 10 Essentials</li> <li>English 10 Skills</li> </ul>	Honors English 10
11 <sup>th</sup>	English 11	<ul style="list-style-type: none"> <li>English 11 (co-taught)</li> <li>English 11 Essentials</li> <li>English 11 Skills</li> </ul>	*AP Language & Composition
12 <sup>th</sup>	Choose from: <ul style="list-style-type: none"> <li>English 12</li> <li>Media Literacy</li> <li>Mythology, Folklore &amp; Fantasy: novel and Short Story (1/2 credit each)</li> </ul>	<ul style="list-style-type: none"> <li>English 12 (co-taught)</li> <li>English 12 Essentials</li> <li>English 12 Skills</li> </ul>	Choose From: <ul style="list-style-type: none"> <li>*AP Literature &amp; Composition</li> </ul>

\* Refer to course expectations of Advanced placement for details

### 9th Grade English

**Italics underline = Requires student IEP**

**<sup>^</sup> = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

**English 9<sup>^</sup>**

**ENG101/ENG102**

**AZ01001**

**Credit: 1.0**

Students will be introduced to a variety of text types and genres and will be able to communicate effectively about them. This will include learning to complete in-depth analysis of functional, expository, persuasive, and literary texts, as well as poetry, drama, and novels. Students will work to enhance their communication and problem-solving skills by developing the ability to provide support for their opinions.

**Duration: 1 Year**

**Course Type: English**

**English 9 Targeted Instruction <sup>^</sup>**

**AZ01001**

**Credit: 1.0**

**Prerequisite: Required ELL Coordinator Approval**

Mastery of the AZ English Language Proficiency Standards will be the focus of this course with the AZ English Standards for English 9 embedded as students develop their English proficiency through the use of a variety of text types and genres and will be able to communicate effectively about them. This will include learning to complete in-depth analysis of



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functional, expository, persuasive, and literary texts, as well as poetry, drama, and novels. Students will work to enhance their communication and problem-solving skills by developing the ability to provide support for their opinions.

**Duration: 1 Year**

**Course Type: English**

**English 9 Co-taught^**

**AZ01001**

**Credit: 1.0**

**Prerequisite: IEP driven**

Students will be introduced to a variety of text types and genres and will be able to communicate effectively about them. This will include learning to complete in-depth analysis of functional, expository, persuasive, and literary texts, as well as poetry, drama, and novels. Students will work to enhance their communication and problem-solving skills by developing the ability to provide support for their opinions. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 year**

**Course Type: English**

**English 9 Essentials**

**ENG401 & ENG402**

**AZ01001**

**AZ01039**

**Credit 1.0**

**Prerequisite: IEP driven**

This course offers individualized instruction to meet a student's need in the areas of reading comprehension, reading fluency, vocabulary development, written expression, and grammar. This course is aligned with state standards for English 9. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Year**

**Course Type: English**

**English 9 Skills**

**ENG301 & ENG302**

**AZ01001**

**AZ01039**

**Credit: 1.0**

**Prerequisite: IEP driven**

This course is designed for students who have difficulty in basic English. Activities and lessons are individualized to meet a student's need in communication, reading comprehension, fluency, written expression, and vocabulary development. This class emphasizes the common core connectors to skills and concepts taught in English 9. Learning experiences will incorporate real-world examples applicable to developing both academic and independent living skills. Course content and instruction will be differentiated to meet the specialized needs of the students. Students in this course may be eligible to take the alternative state test. *Preference will be given to students taking the MSAA.*

**Duration: 1 Year (required)**

**Course Type: English**

**English 9 Honors^\***

**ENG183/ ENG184**

**AZ AZ01010**

**Credit: 1.0**

Students will meet the basic goals of English 9. In addition, they will be exposed to Bloom's Taxonomy of Higher Thinking Skills. Basic goals here are analysis, synthesis, and evaluation. Students will also discover methods of decision making and problem solving as they generate, sort, and select ideas and information. They will employ all these skills in writing, reading, speaking, listening and other forms of communication.

**Duration: 1 Year**

**This class earns weighted credit**

**Course Type: English**

## 10<sup>th</sup> Grade English

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**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

English 10^

ENG103/104

AZ01002

Credit: 1.0

Required English 10<sup>th</sup>

Continuing the development of skills introduced in English 9, this course will advance composition techniques, writing modes, spoken and written expression, language skills (grammar and revision), and reading strategies. This course will survey world literature to build upon the competencies learned in the beginning course and prepare students to achieve proficiency on the State tests.

Duration: 1 Year

Course Type: English

English 10 Targeted Instruction ^

AZ01002

Credit: 1.0

Prerequisite: Required ELL Coordinator Approval

Mastery of the AZ English Language Proficiency Standards will be the focus of this course with the AZ English standards for English 10 embedded as students develop their English proficiency through the use of a variety of text types and genres and will be able to communicate effectively about them. This will include learning to complete in-depth analysis of functional, expository, persuasive, and literary texts, as well as poetry, drama, and novels. Students will work to enhance their communication and problem-solving skills by developing the ability to provide support for their opinions.

Duration: 1 Year

Course Type: English

English 10 co-taught^

AZ01002

Credit: 1.0

Prerequisite: IEP driven

Continuing the development of skills introduced in English 9, this course will advance composition techniques, writing modes, spoken and written expression, language skills (grammar and revision), and reading strategies. This course will survey world literature to build upon the competencies learned in the beginning course and prepare students to achieve proficiency on the State tests. Students receive instruction from two teachers (Content specialist and an ESS teacher).

Duration: 1 year

Course Type: English

English 10 Essentials

ENG403 & ENG404

AZ01002/AZ01040

Credit: 1.0

Prerequisite: IEP driven

This course offers individualized instruction to meet a student's need in reading comprehension, fluency, vocabulary development, written expression, and grammar. This course is aligned with state standards for English 10. Services directed as indicated by IEP. Course Content and instruction will be differentiated to meet the specialized needs of the students.

Duration: 1 Year

Course Type: English

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**English 10 Skills****ENG303 & ENG304****AZ01002/AZ01040****Credit: 1.0****Prerequisite: IEP driven**

This course offers individualized instruction to meet a student's need in reading comprehension, fluency, vocabulary development, written expression, and grammar. This class emphasizes the common core connectors to skills and concepts taught in English 10. Learning experiences will incorporate real-world examples applicable to developing both academic and independent living skills. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

**Duration: 1 year****Course Type: English****English 10 Honors<sup>^\*</sup>****ENG185****AZ01002****Credit: 1.0**

Designed to go beyond regular requirements, English Honors 10 emphasizes quality reading and writing based on challenging fiction and non-fiction selections. Students will study and model reading and writing strategies meant to prepare students to earn Highly Proficient on State tests. In addition, students will be prepared for the rigors of AP Language and Composition which most students will take during their junior year. Expectations for students in the class are that they are motivated, focused, and diligent in completing class assignments.

**Duration: 1 Year****Course Type: English****Pre-AP English 10<sup>^</sup>****AZ01501****Credit: 1.0****Prerequisite: ELA 9 with a B or higher, Teacher recommendation, or Proficient score on ACT Aspire**

Pre-AP English 1 focuses on the close reading, analytical writing, and language skills with immediate relevance for students current and future work both inside and outside the classroom. Texts take center stage in the Pre-AP ELA classroom, inspiring and preparing all students for close, critical reading. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing that facilitates complex thinking. Pre-AP ELA classroom work guides students to examine and appreciate authors' choices, developing an awareness of how words produce effects and how the conventions of the English language are used for both precision and style.

**Duration: 1 Year****Course Type: English**

<b>11<sup>th</sup> Grade English</b>
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<b><u>Italics underline</u> = Requires student IEP</b>	<b><sup>^</sup> = University approved</b>	<b>* = weighted rank status</b>
<b>! = Dual credit and weighted grade (depending on enrollment and staffing availability)</b>		

**English 11<sup>^</sup>****ENG105/106****AZ01003****Credit: 1.0****Prerequisite: English 10**

English 11 includes the study of American Literature and writing skills. Rhetoric, usage and vocabulary building are also practiced. A research project is required for this course's completion. This course meets all the requirements in the Arizona College and Career Standards for junior level English course.

**Duration: 1 Year****Course Type: English**

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## English 11 Targeted Instruction ^

**AZ01003**

**Credit: 1.0**

**Prerequisite: Required ELL Coordinator Approval**

Mastery of the AZ English Language Proficiency Standards (ELPS) is the focus of this course with AZ standards embedded as student develop their English proficiency through the study of American Literature. Writing skills, Rhetoric, usage and vocabulary building are also practiced. A research project is required for this course's completion. This project is required for a passing grade for the first semester. This course meets all the requirements in the Arizona College and Career Standards for junior level English course.

**Duration: 1 Year**

**Course Type: English**

## English 11 Co-taught^

**AZ01003**

**Credit: 1.0**

**Prerequisite: IEP driven**

English 11 includes the study of American Literature and writing skills. Rhetoric, usage and vocabulary building are also practiced. A research project is required for this course's completion. This project is required for a passing grade for the first semester. This course meets all the requirements in the Arizona College and Career Standards for junior level English course. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 year**

**Course Type: English**

## English 11 Essentials

**ENG405 & ENG406**

**AZ01003**

**Credit: 1.0**

**Prerequisite: IEP driven**

This course offers individualized instruction to meet a student's need in reading comprehension, fluency, vocabulary development, written expression, and grammar. This course is aligned with state standards for English 11. Services directed as indicated by IEP. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Year**

**Course Type: English**

## English 11 Skills

**ENG305 & ENG306**

**AZ01003**

**Credit: 1.0**

**Prerequisite: IEP driven**

This course offers individualized instruction to meet a student's need in reading comprehension, fluency, vocabulary development, written expression, and grammar. This class is aligned with the common core connectors to skills and concepts taught in English 11. Learning experiences will incorporate real-world examples applicable to developing both academic and independent living skills. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

**Duration: 1 year**

**Course Type: English**

## **AP Language & Composition^\***

**ENG109**

**AZ01005**

**Credit: 1.0**

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of periods, discipline, and rhetorical contexts and to become skilled writers who can compose for a variety of purposes. By their writing and reading in this course, student should become aware of the interactions among a writer's purposes, audience expectations and subjects, as well as the way generic conventions and the resources of language contribute to effective writing. **This class earns weighted credit.**

**Duration: 1 year**

**Course Type: English**

## 12th Grade English

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### English 12^

ENG107/108

AZ01004

Credit: 1.0

English 12 concentrates on the following skills: Composition, with an emphasis on expository writing; English Literature survey from the Anglo-Saxon period through the Twentieth Century; vocabulary development, spelling awareness, research, book reviews, computer literacy and speeches.

Duration: 1 year

Course Type: English

English 12 Targeted Instruction ^

AZ01004

Credit: 1.0

Prerequisite: Required ELL Coordinator Approval

Mastery of the AZ English Language Proficiency Standards (ELPS) is the focus of this course with AZ standards for English 12 embedded as student develop their English proficiency through a concentration on the following skills: Composition, with an emphasis on expository writing; English Literature survey from the Anglo-Saxon period through the Twentieth Century; vocabulary development, spelling awareness, research, book reviews, computer literacy and speeches.

Duration: 1 year

Course Type: English

### English 12 Co-taught^

AZ01004

Credit: 1.0

Prerequisite: IEP driven

English 12 concentrates on the following skills: Composition, with an emphasis on expository writing; English Literature survey from the Anglo-Saxon period through the Twentieth Century; vocabulary development, spelling awareness, research, book reviews, computer literacy and speeches. Students receive instruction from two teachers (Content specialist and an ESS teacher).

Duration: 1 year

Course Type: English

### Media Literacy in Digital Age^

ENG267

AZ01052

Credit: 0.5

Media Literacy is an English course for seniors. This course uses a mix of traditional Literature and forms of modern media including but not limited to film, advertisements, and music. The course is designed to emphasize comprehension, discernment, and critical-thinking skills in the reading of Literature as well as contemporary and historical media images and how they are used to make art, sell products, motivate populations, and alter opinions. This course will introduce and explore advanced literary and rhetorical techniques, as well as specific theories associated with media which may include debates surrounding television, the internet, and other sources for media. Multiple writing assignments with an emphasis on grammar and conventions are required in this course. Students will analyze media content in writing throughout the course and explore more advanced literary techniques (irony, satire, humor, connotation, tone, rhythm, symbolism, and so on) through two or more literary genres, with the aim of creating sophisticated readers and writers.

Duration: 0.5 or 1 Semester (1/2 credit)

Course Type: English

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**Myth, Folklore & Fantasy****ENG113****AZ01062****Credit: 0.5**

Myth, Folklore & Fantasy is an English course for seniors. The course is designed to have students learn the basics of cross-cultural works of literature (Greek and Celtic mythology) and relate the ancient concepts to modern literature and films. Many of the myths studied in class will be connected to real-life events via essays and one research paper. There will be a semester project that allows the students the opportunity to create their own mythology and poetry.

**Duration: 0.5 or 1 Semester (1/2 credit)****Course Type: English****Novel & Short Story****ENG133****AZ01061****Credit: 0.5**

Novel & Short Story is an English course for seniors. Students will read a variety of short stories and use these stories to draw inferences from new vocabulary, explain how meaning is enhanced through poetry and structure, connect stories to real-life experiences, and describe historical/cultural aspects found in cross-cultural works of literature. A research paper on an author will be assigned. A few book reports must be completed. You will choose your own novel to discuss with class. This course meets all the requirements in the Arizona College and Career Standards for a senior level English Course.

**Duration: 0.5 or 1 Semester (1/2 credit)****Course Type: English****English 12 Essentials****ENG407 & ENG408****AZ01004****AZ01062****Credit: 1.0****Prerequisite: IEP driven**

This course offers individualized instruction to meet a student's need in reading comprehension, fluency, vocabulary development, written expression, and grammar and is aligned with English 12 state standards. Services directed as indicated by IEP. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Year****Course Type: English****English 12 Skills****ENG307 & ENG308****AZ01004****AZ01062****Credit: 1.0****Prerequisite: IEP driven**

This course offers individualized instruction to meet a student's need in reading comprehension, fluency, vocabulary development, written expression, and grammar. This class is aligned with the common core connectors to skills and concepts taught in English 12. Services directed as indicated by IEP. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

**Duration: 1 year****Course Type: English**

## Fine Arts Course Sequence

Fine Arts courses are defined as those that provide the opportunity to gain experience and knowledge in the production and performance; analysis, interpretation, and evaluation; and historical and cultural aspects of the visual and performing arts. Courses must combine theory and practice and include critical thinking skills. Competency may also be demonstrated by completing 1 high school credit in a CTE course or 2 semesters of high school CTE.

### *Dance*

All dance classes may be applied to either a Fine Arts or PE Credit.

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

#### **Adaptive Dance**

**FA179**

**AZ05001**

**Credit: 1.0**

**Prerequisite: IEP Driven**

This is an introductory course for students with little or no previous dance experience. Students will learn ballet, tap, musical theatre, jazz, and modern dance technique, along with theory, history, and choreography. Students will learn dance terminology, theater etiquette and basic performance skills. Students will also participate in the winter and spring dance recitals as their end of semester choreography project. This class meets the Prerequisite for Intermediate dance.

**Duration: 1 Year**

**Course Type Fine Arts, Elective OR PE**

#### **Dance 1**

**FA179**

**AZ05001**

**Credit: 1.0**

This is an introductory course for students with little or no previous dance experience. Students will learn ballet, tap, musical theatre, jazz, and modern dance technique, along with theory, history, and choreography. Students will learn dance terminology, theater etiquette and basic performance skills. Students will also participate in the winter and spring dance recitals as their end of semester choreography project. This class meets the Prerequisite for Intermediate dance.

**Duration: 1 Year**

**Course Type Fine Arts, Elective OR PE**

#### **Dance II**

**FA181/ FA182**

**AZ05001**

**Credit: 1.0**

**Prerequisite: Dance (Beginning)**

This intermediate course is for students with a minor understanding and comprehension of the basics of dance. Students will go more in-depth with learning ballet, tap, musical theatre, hip-hop, lyrical, contemporary, jazz, and modern dance technique, along with dance theory, history, and choreography. Students will learn more dance terminology, theater etiquette and proper performance skills. Students will also participate in the winter and spring dance recitals as their end of the semester choreography project. This class meets the Prerequisite for intermediate dance.

**Duration: 1 Year**

**This course may be repeated**

**Course Type: Fine Arts, Elective or PE**

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**Dance III****FA183****AZ05001****Credit: 1.0****Prerequisite: Dance (Intermediate)**

This is an advanced course for students with a well-rounded understanding and comprehension of all areas of dance. Students will go more in-depth with learning ballet, tap, musical theatre, hip-hop, lyrical, contemporary, jazz, and modern dance technique, along with dance theory, history, and choreography. Students will also participate in the winter and the spring dance recitals as their end of semester choreography project. They are also responsible for choreographing small group dances.

**Duration: 1 Year****This course may be repeated****Course Type: Fine Arts, Elective or PE****Dance IV (Elite Company)****FA185****AZ05002****Credit: 1.0****Prerequisite: Dance (Advanced) or teacher recommendation**

This Co-ed course reinforces students' knowledge of ballet, tap, musical theatre, hip-hop, contemporary jazz, modern, lyrical, and theatrical dance. Dance techniques and proper form are stressed. Advanced choreography is taught with students required to design and dance their own work. Dancers will be required to perform in two dance concerts. They are also responsible for choreographing pieces to perform at pep assemblies, community events, competitions, recitals, and other miscellaneous events. These dancers are expected to have a large quantity of dance knowledge as well as a well-rounded background in dance.

**Duration: 1 Year****This course may be repeated****Course Type: Elective****Integrated Fine Arts****FA197/FA198****AZ05201****Grades: 9 – 12****Credit 1.0****Prerequisite: IEP Driven**

Integrated Fine Arts courses explore self-expression across the fine arts: any subset or all visual arts, drama, theater, and literature may be included in the curriculum for these courses. Students both study and critique the works of others and participate in or produce art themselves. These courses often include comparative study of various art forms over time (i.e., the interrelationship of literature, music, and the performing arts of a particular time and culture. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 year****Course Type: Fine Arts or Elective**

***Drama***

**Italics underline = Requires student IEP****^ = University approved****\* = weighted rank status****! = Dual credit and weighted grade (depending on enrollment and staffing availability)****Drama****FA125****AZ05053****Credit: 1.0**

This class introduces the students to a survey of all phases of theatre arts. Evaluation of plays, stage terminology, lighting, costuming and makeup design and application are discussed. Students will have weekly or bi-weekly evaluations on textbook material and/or performance evaluations. Students are expected to perform scenes and complete plays as part of class evaluation.

**Duration: 1 Year****This course may be repeated****Course Type: Fine Arts or Elective**



## Drama II

FA126

AZ05053

Credit: 1.0

Prerequisite: Drama I

In this intensive course, actors develop a deeper understanding of theatre from diverse cultural and historical perspectives through playwriting, directing, scene study, monologues, emotional development, and performance technique.

Duration: 1 Year

This course may be repeated

Course Type: Fine Arts or Elective

## Stage Production

FA143/ FA144

AZ05056

Credit: 1.0

This is a class that introduces the student to many technical areas of theatre. Students obtain practical experience in stage work and activities through building sets and preparing the stage for performances. Students must work on a technical crew for after-school productions.

Duration: 1 Year

This course may be repeated

Course Type: Fine Arts or Elective

## Instrumental Music

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

## Color Guard

FA113/ FA114

AZ05103

Credit: 0.5 PE + 0.5 Fine Arts

Prerequisite: Physical is required

First semester this course is combined with the Marching Band. They will perform at home football games, pep assemblies and parades. The band travels to most away football games and to several marching competitions in the fall. Second semester, the team will branch away from the band program, perform an indoor show, and compete across Arizona. There is a band camp before school starts. **A physical is needed for this activity.** Please contact the band instructor for information. Grades will be taken in and outside of regular class time and based on performance. **The first semester of this class may be applied to a semester of PE credit for students. This course does not fulfil university fine arts requirements.** Rehearsals: T/TH evenings

Duration: 1 Year

This course may be repeated

Course Type: Fine Arts or Elective

## Music Appreciation

FA195

AZ05118

Credit: 1.0

This course is a music department offering designed for the non-performer. The class will give students the chance to examine music and music performance in various historical contexts. The lives and contributions of selected composers will be featured as well as the exploration of different career paths in music such as education, therapy, technology, and engineering. In addition to these studies, students will be required to complete some assignments outside of the class time that will involve attendance at select concert/theater performances on campus.

Duration: 1 Year

This course may be repeated

Course Type: Fine Arts or Elective

## Freshman Band

FA133/ FA134

AZ05101

Credit: 0.5 PE + 0.5 Fine Arts

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**Prerequisite: Physical is required**

The Freshmen Band is for developing instrumentalists and emphasizes fundamentals of good playing techniques and basic music knowledge. All Freshman Band members are expected to participate in the Marching Band and all its activities (home football games, pep assemblies, and parades). The band travels to most of the away football games, and to several marching competitions in the fall. In addition to regular class time, there are regularly scheduled rehearsals. There is a Color Guard (Flag/Dance line) that participates in all activities with the marching band (please see Color Guard). This band also performs in several concerts throughout the year. Freshman percussionists should sign up for Percussion Ensemble instead of Freshman Band. There is a band camp before school starts. A physical is needed for this class. *The first semester of this class may be applied to Fine Art credit for all students or a semester of PE credit for students.*

**Rehearsals: T/TH evenings**

**Duration: 1 Year**

**This course may be repeated**

**Course Type: 0.5 PE + 0.5 Fine Arts**

**Marching Band**

**FA137**

**AZ05103**

**Credit: 0.5**

**Prerequisite: Physical is required and Previous Band Experience**

The marching band performs at all home football games, pep assemblies and parades. The band travels to several marching competitions in and out of the state in the fall. In Addition to regular class time, the band rehearses on Tuesday and Thursday evenings. All Color Guard members and percussionists will also participate in all marching band activities. There is a required band camp before school starts. This is a performance-based class for grades. Grades will be taken in and outside of regular class time. A physical is needed for this activity. Please contact the band instructor for information. *This class may be applied to a semester of PE credit for students.* **Rehearsals: T/TH evenings**

**Duration: 1 Semester (1/2 credit)**

**Course Type: 0.5 PE or 0.5 Fine Arts**

**Beginning Band**

**FA187**

**AZ05106**

**Credit: 1.0**

This course is for the student who is interested in music but may lack the musical experience and/or knowledge necessary for participation in the rigor of the other band selections. Students will learn to count and read music and to play basics on woodwind and brass instruments. Some prior knowledge or previous experience is helpful, but not necessary.

**Duration: 1 Year**

**Course Type: Fine Arts or Elective**

**Beginning Percussion**

**FA173**

**AZ05106**

**Credit: 0.5**

This course is for beginning percussion students. We will learn to count and read music and the basics of playing. The school will provide instruments, but students will need to purchase their own concert sticks and marching sticks and mallets.

**Duration: 1 Semester (1/2 credit)**

**Course Type: Fine Arts or Elective**

**Percussion**

**FA141**

**AZ05106**

**Credit: 0.5**

This class performs with the marching band and symphonic band. They will perform at home football games, pep assemblies and parades. The band travels to most away football games and to several marching competitions in the fall. In addition to regular class time, this class is designed to give the percussion student the time and dedication he/she deserves. In the fall we will concentrate on marching percussion. In the spring we will learn the same repertoire as the concert bands. We will also perform percussion ensemble pieces. Both semesters' students will work on percussion proficiencies. There is a band camp before school starts. A physical is needed for this activity. This is a performance-

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based class for grades. Grades will be taken in and outside of regular class time. This class may be repeated for credit. The first semester of this class may be applied to a semester of PE credit for students. **Rehearsals: T/TH evenings**  
**Duration: 1 Semester (1/2 credit)**                      **This course may be repeated**                      **Course Type: Elective**

### **Guitar I**

**FA212**

**AZ05108**

**Credit: 1.0**

Students will learn how to read and play notated music, learn traditional and Barre chords, read, and use guitar tablature. Students of Guitar I are to develop a basic understanding of guitar performance, learn about the history of guitar.

**Duration: 1 Year**

**Prerequisite: None**

**Course Type: Fine Arts or Elective**

### **Guitar II**

**FA214**

**AZ05108**

**Credit: 1.0**

**Prerequisite: Guitar I**

Students will learn how to read and play notated music, learn traditional and Barre chords, major and minor scales, arpeggios, power chords, use of palm muting, read and use guitar tablature, playing the blues and performing solo and ensemble guitar literature. Students of Guitar II are to develop a basic understanding of guitar, learn about the history of guitar, perform guitar repertoire, and apply music theory.

**Duration: 1 Year**

**Course Type: Fine Arts or Elective**

### **Guitar III**

**FA216/FA217**

**AZ05108**

**Credit: 1.0**

**Prerequisite: Guitar II**

Students will continue to define skills in reading and playing notated music, traditional and Barre chords, major and minor scales, arpeggios, power chords, use of palm muting, guitar tablature, playing the blues and performing solo and ensemble guitar literature. Students of Guitar III are to develop a basic understanding of guitar performance, learn about the history of guitar, perform guitar repertoire, and apply music theory. A primary focus of this course will be ensemble playing.

**Duration: 1 Year**

**Course Type: Fine Arts or Elective**

### **Jazz Band**

**FA135**

**AZ05106**

**Credit: 1.0**

**Prerequisite: Spring Audition (Middle or high school band director recommendation)**

Jazz Band is open to those students who are interested in improving their jazz skills and performance. This is an **audition only** group that will perform many outside events/concerts in the school and in our community. Students will be expected to attend all scheduled activities. This is a performance-based class, and performances are part of the overall grade received for the class. A student's overall assessment for this class includes class-related activities that take place inside and outside of the regular class time.

**Duration: 1 Year**

**This course may be repeated.**

**Course Type: Fine Arts or Elective**

### **Symphonic Band**

**FA149**

**AZ05102**

**Credit: 0.5**

**Prerequisite: Previous Band experience**

The Symphonic Band is for the more proficient instrumentalist who has a good background in playing an instrument. This ensemble performs several times a year. We will work to improve overall musicianship, quality of performance and

knowledge of music. All percussionists will also participate in all symphonic band activities but should sign up for Percussion Ensemble.

**Duration:** Spring Semester (1/2 Credit)      **This course may be repeated.**      **Course Type:** Fine Arts or Elective

### **Mariachi**

**AZ05122**

**Credit:** 1.0

Mariachi students learn traditional Mexican music that is appropriate to the skill level of the students. The class concentrates on correct instrumental techniques, music reading, skills, memorization, ear training, and stage presence. This class is only offered at Vista Grande.

**Duration:** 1 Year      **This course may be repeated.**      **Course Type:** Fine Arts or Elective

### **AP Music Theory**

**FA101/FA102**

**AZ05114**

**Credit:** 1.0

**Prerequisite:** Participation in a performing art & instructor approval

Music theory is a highly challenging course, geared toward the more serious music student. If a student intends to study music in college this class is an excellent way to get a head start. This class will focus on all elements in music. We will spend time studying key signatures, chord progressions, ear training, sight singing and arranging.

**Duration:** 1 Year      **Course Type:** Fine Arts or Elective

### **Independent Study of Instrumental Music**

**FA151**

**AZ05109**

**Credit** 0.5

**Prerequisite:** Teacher recommendation

Individual technique Instrumental music courses provide individuals with instruction in instrumental literature and techniques. These courses may be conducted either individually or in a small group; formal and informal performances are typically included as well as experiences of creating and responding to music.

**Duration:** 1 Semester      **This course may be repeated**      **Course Type:** Fine Arts or Elective

## **Visual Arts**

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### **Art 1**

**FA103/ FA104**

**AZ05154**

**Credit:** 1.0

A course designed for first-year art students. Students will be introduced to a wide range of art techniques, media, drawing and painting skill development, plus art history and art appreciation. Students will learn such basic drawing and painting skills as: perspective, still life, mechanical renderings, animal and figure studies, color theory and basic painting skills through graphic art and traditional subject matter.

**Duration;** 1 Year      **Prerequisite:** None      **Course Type:** Fine Arts or Elective

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**Art II****FA105****AZ05154****Credit: 1.0****Prerequisite: Teacher Recommendation**

A course designed for continuing art students. Students will expand their knowledge of art to learn new mediums, styles, and techniques. This will help students decide if they would like to continue learning art in the future. Students may also work on collaborative projects to learn how to work together to implement unique ideas. Students must have passed semester of Art I to enter Art II or submit their portfolio for review.

**Duration; 1 Year****This course may be repeated****Course Type: Fine Arts or Elective****Art III****FA107****AZ05154****Credit: 1.0****Prerequisite: Teacher Recommendation**

This course helps prepare students for life post high school. Students will be determining five possible life endeavors and explore how art can help them obtain these goals. This includes making a portfolio for each future possibility, such as college art portfolios, or pre-professional/trade portfolios in tattoo art, stop motion animation, or photography. Second semester students will also explore ways to help their local community through art with the possibility of executing ideas approved by the city. Students must have passed two semesters of Art I & II to enter Art III or submit their portfolio for review.

**Duration; 1 Year****This course may be repeated****Course Type: Fine Arts or Elective****AP Studio Art****FA171****AZ05172****Credit: 1.0****Prerequisite: Teacher Recommendation**

An introductory college level art course, equivalent to three college credits. Students refine and apply skills to ideas they develop throughout the course. This requires students to complete more than ten art works each semester with mandatory completed deadlines to complete all work by May 5<sup>th</sup> for College Board. The AP Portfolio includes selected works, which are five examples of your best skills in genres such as still life, portraits, and landscapes. The additional fifteen pieces comprise a Sustained Investigation, in which students create an art concept and implement work related to their chosen theme. Students must have passed two semesters of Art I and II to enter AP Art or they must submit their portfolio for review.

**Duration: 1 Year****This course may be repeated****Course Type: Fine Arts or Elective****Ceramics****FA218****AZ05159****Credit: 0.5****Prerequisite: 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grade**

Ceramics/Pottery courses cover the same topics as Creative Art-Comprehensive courses but focus on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

**Duration: 1 Semester****Course Type: Fine Arts or Elective****Photography****FA219****AZ05167****Credit: 0.5**

Photography courses provide students with an understanding of photographic media, techniques, and processes. These courses focus on development of photographic compositions through manipulation of the fundamental processes of

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artistic expression. Students may learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. Photography courses may also include the history of photography, historic movements, image manipulation, critical analysis, and some creative special effects. Students critique their photographic images, the works of other students, and those by professional photographers to reflect on and refine work.

**Duration: 1 Semester**

**Course Type: Fine Arts or Elective**

## Vocal Music

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Chorus I

FA111/FA112

AZ05110

Credit: 1.0

This Choir class is a non-auditioned course for voices beginning choral music or wishing to continue their experience from middle school. All types and styles of music will be studied and vocal techniques necessary for quality, healthy singing. Required performances include Winter and Spring concerts and other performances (on or off campus) as scheduled.

Duration: 1 Year

Prerequisite: None

Course Type: Fine Arts or Elective

### Chorus II

FA169

AZ05110

Credit: 1.0

Prerequisite: Audition

This Intermediate Chorus is composed of both male and female voices wishing to continue their experiences in choral music. Students will work toward enhancing sight reading skills, vocal technique, ear training, and theory concepts. Required performances include the winter and spring concerts and other performances (on or off campus) as scheduled. This group may also perform in AMEA/CHODA activities and others.

Duration: 1 Year

This course may be repeated

Course Type: Fine Arts or Elective

### Choral Music Skills

AZ05110

Grades: 9 – 12

Credit: 1.0

Prerequisite: IEP driven

This course is designed to provide individual instruction in music. Students will experience both choral and instrumental music tailored to meet their individual learning needs as indicated through the student's individual educational plan. Students will be able to perform for peers and family. Course content and instruction will be differentiated to meet the specialized needs of the students.

Duration: 1 year

Course Type: Fine Arts or Elective

### Blue Notes

FA199

AZ05111

Credit: 1.0

Prerequisite: Audition

The Blue Notes is the elite vocal performance group of CGUHS. Students in Blue Notes use song, dance, movement, and more to create performances. Students additionally focus on developing solo performance skills, a variety of music literature types, and auditioning for regional and state-level competitions. In addition to semester concerts, The Blue Notes are required to perform on many additional days, nights, and possibly weekend performances. Additional rehearsal times may also be required.

Duration: 1 Year

This course may be repeated.

Course Type: Fine Arts or Elective

## Math Course Sequence



**Credits Required for Graduation:** 4 credits.

**Credits Required for University:** 4 credits

### Description:

Arizona requires that students must complete at least 4 years of mathematics and one of the credits must have Algebra II as a prerequisite. Students must complete Algebra 1, Geometry, Algebra II, and one (1) additional math credit for which Algebra II is a prerequisite.

Incoming freshmen are placed in mathematics courses using multiple criteria such as 8th grade course completion or teacher recommendation.

Pathway Options			
	Traditional 	Modified <i>See course expectations</i>	College and Career Ready*! 
9 <sup>th</sup>	Algebra I	•Algebra I  (Cotaught, Essentials or Skills)	•Honors Algebra •Geometry •Honors Geometry (placement test required)
10 <sup>th</sup>	Geometry	•Geometry  (Cotaught, Essentials or Skills)	•Honors Geometry •Honors Algebra II
11 <sup>th</sup>	Algebra II	•Algebra II  (Cotaught, Essentials or Skills)	•AP Precalculus! • AP Statistics!
12 <sup>th</sup>	Choose from: •Precalculus • AP Precalculus! • AP Statistics • College Mathematics	Choose from: •Math 12 •Consumer Math  (Cotaught, Essentials or Skills)	Choose from: •AP Calculus AB ! •AP Calculus BC! •AP Statistics !  <i>Refer to course expectations of Advanced Placement.</i>  •College Mathematics

Note: Students may satisfy certain high school credits by taking CAC classes. Please see your guidance counselor for more information.

### 9<sup>th</sup> Grade Math

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Algebra I ^

**MAT101**

**AZ02052**

**Credit: 1.0**

Students study algebra, including writing, solving, graphing multi-step linear and quadratic equations, functions, and inequalities as well as systems of equations and inequalities. Also included are factoring and operations with polynomials and radicals.

**Duration: 1 Year**

**Course Type: Math**



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**Algebra Co-taught^****AZ02052****Credit: 1.0****Prerequisite: IEP Driven**

Students study algebra, including writing, solving, graphing multi-step linear and quadratic equations, functions, and inequalities as well as systems of equations and inequalities. Also included are factoring and operations with polynomials and radicals. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 Year****Course Type: Math****Algebra I Essentials****MAT501/MAT502****AZ02052/AZ02054****Credit: 1.0****Prerequisite: IEP Driven**

Students study Algebra, including writing, solving, graphing multi-step linear and quadratic equations, functions, and inequalities as well as systems of equations and inequalities. Also included are factoring and operations with polynomials and radicals. This course is aligned with state standards for Algebra 1. Services directed as indicated by IEP. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Year****Course Type: Math****Algebra I Skills****MAT321/MAT322****AZ02052/AZ02054****Credit: 1.0****Prerequisite: IEP Driven**

Students study Algebra, including writing, solving, graphing multi-step linear and quadratic equations, functions, and inequalities as well as systems of equations and inequalities. Also included are factoring and operations with polynomials and radicals. This course is aligned with state standards for Algebra 1. Services directed as indicated by IEP. Course content and instruction will be differentiated to meet the specialized needs of the students. Services directed as indicated by IEP. *Preference will be given to students taking the MSAA.*

**Duration: 1 Year****Course Type: Math****Honors Algebra I ^\*****MAT197/MAT198****AZ02052****Credit: 1.0**

Students must be proficient in operations with integers, fractions, and decimals to be considered for this course. Topics covered will be like those in Algebra 1 but will be covered more quickly and in depth. Topics are solving and graphing multi-step equations and inequalities, factoring and operations with polynomials and radicals.

**Duration: 1 Year****Prerequisite: None****Course Type: Math**

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***10<sup>th</sup> Grade Math******Italics underline* = Requires student IEP*****^* = University approved*****\** = weighted rank status*****!* = Dual credit and weighted grade (depending on enrollment and staffing availability)****Geometry^****MAT115/MAT116****AZ02072****Credit: 1.0****Prerequisite: Algebra I; teacher recommendation**

Students use geometric methods, properties, and relationships to recognize, draw, describe, connect, and analyze shapes and representations in the physical world. Topics also include recognizing and applying inductive and deductive reasoning and the language of logic.

**Duration: 1 Year****Course Type: Math**

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### **Geometry Co-taught<sup>^</sup>**

**AZ02072**

**Credit: 1.0**

**Prerequisite: Algebra 1; IEP driven**

Students use geometric methods, properties, and relationships to recognize, draw, describe, connect, and analyze shapes and representations in the physical world. Topics also include recognizing and applying inductive and deductive reasoning and the language of logic. Students receive instruction from two teachers (Content specialist and an ESS

teacher). **Duration: 1 Year**

**Course Type: Math**

### **Geometry Essentials**

**MAT415 & MAT416**

**AZ02072/AZ02076**

**Credit: 1.0**

**Prerequisite: Algebra I; IEP driven**

Students use geometric methods, properties, and relationships to recognize, draw, describe, connect, and analyze shapes and representations in the physical world. Topics also include recognizing and applying inductive and deductive reasoning and the language of logic. This course is aligned with state standards for Geometry. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Year**

**Course Type: Math**

### **Geometry Skills**

**MAT323 & MAT324**

**AZ02072/AZ02076**

**Credit: 1.0**

**Prerequisite: Algebra I; IEP driven**

Students use geometric methods, properties, and relationships to recognize, draw, describe, connect, and analyze shapes and representations in the physical world. Topics also include recognizing and applying inductive and deductive reasoning and the language of logic. This course is aligned with state standards for Geometry. Course content and instruction will be differentiated to meet the specialized needs of the students. Services directed as indicated by IEP. *Preference will be given to students taking the MSAA.*

**Duration: 1 Year**

**Course Type: Math**

### **Honors Geometry<sup>^\*</sup>**

**MAT201**

**AZ02072**

**Credit: 1.0**

**Prerequisite: Algebra I; teacher recommendation**

Honors Geometry covers the same topics as Geometry in greater depth. In addition, students study the theory that leads to the topics presented. Proofs are included in the curriculum.

**Duration: 1 Year**

**Course Type: Math**

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Algebra II^

MAT103

AZ02056

Credit: 1.0

Prerequisite: Geometry

The study of algebraic applications is continued and expanded to include more advanced systems of equations, statistics, simplifying rational expressions, solving, and graphing quadratic equations and using the quadratic formula.

Duration: 1 Year

Course Type: Math

### Algebra II Co-taught^

AZ02056

Credit: 1.0

Prerequisite: Geometry

The study of algebraic applications is continued and expanded to include more advanced systems of equations, statistics, simplifying rational expressions, solving, and graphing quadratic equations and using the quadratic formula. Students receive instruction from two teachers (Content specialist and an ESS teacher).

Duration: 1 Year

Course Type: Math

### Algebra II Essentials

MAT403 & MAT404

AZ02056/AZ02059

Credit: 1.0

Prerequisite: Geometry and IEP driven

This course is designed for the students and is not recommended for the regular math program. The curriculum will be based upon an algebraic curriculum focusing on Integers, Fractions, one and two step equations, Intro to Functions, square roots, basic geometric principles, and Irrational Numbers, etc. This course is aligned with state standards for Algebra II. Course content and instruction will be differentiated to meet the specialized needs of the students.

Duration: 1 Year

Course Type: Math

### Algebra II Skills

MAT325 & MAT326

AZ02056/AZ02059

Credit: 1.0

Prerequisite: Geometry and IEP driven

The study of algebraic concepts is continued and expanded to include more advanced systems of equations. This class is aligned with the Common Core Connectors of skills taught in Algebra II. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

Duration: 1 Year

Course Type: Math

### Honors Algebra II^\*

MAT199

AZ02056

Grades: 10-12

Credit: 1.0

Prerequisite: Geometry

The study of algebraic applications is expanded to include more advanced systems of equations, statistics, simplifying rational expressions, solving and graphing quadratic equations and using the quadratic formula. Students will also study logarithmic equations and advanced algebraic topics along with the theory that leads to the topics presented.

Duration: 1 Year

Course Type: Math

## 12th Grade Math

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Precalculus<sup>^</sup>

**MAT105/MAT106**

**AZ02057**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisite: Algebra 1, Algebra 2, Geometry**

The study of algebraic applications is continued with the study of multi-valuable linear and nonlinear equations and inequalities.

**Duration: 1 Year**

**Course Type: Math**

### Precalculus Co-taught<sup>^</sup>

**AZ02057**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisite: Algebra I, Algebra 2, Geometry**

The study of algebraic applications is continued with the study of multi-valuable linear and nonlinear equations and inequalities. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 Year**

**Course Type: Math**

### Math 12 Essentials

**MAT405 & MAT406**

**AZ02057**

**Credit: 1.0**

**Prerequisite: IEP driven**

This study of algebraic applications continues with the study of multi-variable linear and nonlinear equations and inequalities to prepare students for calculus or post-secondary mathematics courses. Course contents and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Year**

**Course Type: Math**

### Math 12 Skills

**MAT327 & MAT328**

**AZ02157/ AZ02999**

**Credit: 1.0**

**Prerequisite: IEP Driven**

Math 12 Skills will expand on the MSAA standards to support students advancing their Mastery of Arizona High School Math Standards with-in the framework of Transition to Work, Independent Living or Post-Secondary Math Coursework. This is a full year course. Students will receive specially designed instruction and accommodation in their areas of need as outlined by their Individualized Education Program. This course will fulfill the 4<sup>th</sup> year math graduation requirement for our Alternate Assessment Students. *Preference will be given to students taking the MSAA.*

**Duration: 1 Year**

**Course Type: Math**

### Consumer Math Skills

**MAT247**

**AZ02157**

**Grades: 12**

**Credit: 1.0**

**Prerequisite: IEP Driven**

This course is designed to support students' transition to Independent Living. Consumer math reinforces general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics). Students will

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learn to apply these skills to consumer problems and situations. Topics may include, but will not be limited to budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment. Course content and instruction will be differentiated to meet the specialized needs of the students and relate to topics of interest that support their post-secondary plans. *Preference will be given to students taking the MSAA.*

**Duration: 1 Year**

**Course Type: Math**

**AP Precalculus<sup>^\*</sup>**

**MAT180**

**AZ02117**

**Grades: 10-12**

**Credit: 1.0**

**Prerequisite: Algebra II**

AP Precalculus prepares students for other college-level mathematics and science courses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. The course framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. In cooperation with Central Arizona College the student enrolls in College Algebra (MAT 151) first semester and Trigonometry (MAT 182) second semester. This class earns weighted credit.

**Duration: 1 Year**

**Course Type: Math**

**AP Statistics<sup>^\*</sup>**

**MAT111/MAT112**

**AZ02203**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisite: Algebra II**

The Advanced Placement course in Statistics consists of a full HS academic year of work that is comparable to statistics courses in college and universities. The AP course in statistics will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data.

**Duration: 1 Year**

**Course Type: Math**

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**College Math<sup>^\*!</sup>**

**MAT181/MAT182**

**AZ02155**

**Credit: 1.0**

**Campus; CG**

**Prerequisite: Algebra II**

Students will gain a working knowledge of college level mathematics and its application to real life problems. There is emphasis on understanding mathematical concepts and their applications. Topics include set theory, probability, statistics, finance, and geometry. General Mathematics includes personal finance, set theory, exponential growth and decay, probability, and statistics. This course, MAT141, is designed to cater to non-math/science majors and can be taken for college (Dual Credit) [Board Adopted 2022] Note: Through a partnership with Central Arizona Community College, students can enroll in the college course and earn 3 hours of college credit at the Union campus. **Dual Credit Offered at Union Campus only.**

**Duration: 1 Year**

**Course Type: Math**

**AP Calculus AB<sup>^\*</sup>**

**MAT107**

**AZ02124**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisite: Precalculus or College Algebra & Trigonometry**

The Advanced Placement course in calculus consists of a full high school academic year of work that is comparable to calculus courses in college and universities. It is expected that students who take AP Calculus will seek college credit, placement, or both and will take the Advanced Placement exam at the end of the year. The AP Calculus course will include

the study of functions, graphs, and limits; derivatives and their applications; and integrals and their applications. Upon completion of the course, students should be able to: work with functions represented in a variety of ways; understand the meaning of the derivative in terms of a rate of change; understand the meaning of the definite integral and be able to solve a variety of problems; understand the relationship between the derivative the definite integral; communicate mathematics both orally and in well-written sentences and should be able to explain solutions to problems; model a written description of a physical situation with a function, a differential equation, or an integral; use technology to help solve problems; determine the reasonableness of solutions; and develop an appreciation of calculus as a coherent body of knowledge and as a human accomplishment. **This class earns weighted credit.**

**Duration: 1 Year**

**Course Type: Math**

**AP Calculus BC<sup>^\*</sup>**

**MAT109**

**AZ02125**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisite: AP Calculus AB**

Explore the key concepts, methods, and applications of single-variable calculus including all topics covered in AP Calculus AB (functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus) as well as additional topics in differential and integral calculus, such as parametric, polar and vector functions, and series. Become familiar with concepts, results, and problems expressed in multiple ways including graphically, numerically, analytically, and verbally. Use technology to help solve problems, experiment, interpret results, and support your conclusions. **This class earns weighted credit.**

**Duration: 1 Year**

**Course Type: Math**

## Miscellaneous Course Sequence

**Italics underline = Requires student IEP**

**<sup>^</sup> = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### **Academic Resource**

**ESS113/ESS114**

**AZ22003**

**Grades: 9-12**

**Credit: 1.0**

**Prerequisite: IEP Driven**

This course is designed to assist students with an Individual Education Plan in their general education courses. An emphasis is placed on interpersonal skills instruction and organizational skills development. Test preparation, research-based study techniques and learning strategies, and support to complete general course assignments and projects. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Year**

**This course may be repeated**

**Course Type: Elective**

### **Behavior Support Academic Resource**

**ESS115/ESS116**

**AZ22003**

**Grades: 9-12**

**Credit: 1.0**

**Prerequisite: IEP Driven**

This course is designed to assist students with an Individual Education Plan in their general education courses. An emphasis is placed on personal skill development in the areas of executive function, emotional regulation, and communication, as well as support to complete general course assignments and projects. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Year**

**This course may be repeated**

**Course Type: Elective**

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**AVID (CG only)****ELE150****AZ22007****Credit: 1.0**

AVID is a school-wide transformation effort focused on leadership, systems, instruction, and culture, and is designed to increase the number of students who enroll in and succeed in higher education. AVID is an elective course that offers activities that enable students to learn organizational and study skills, enhance their critical thinking skills, receive academic assistance as necessary and be motivated to aspire toward a college education at all levels of high school. High school AVID students receive support in the College/University application process includes essay writing, financial aid, and scholarship applications. This course is intended for continuous enrollment throughout high school with each subsequent level building on the knowledge gained in the previous level.

**Duration: 1 year****This course may be repeated****Course Type: Elective****AP-Computer Science Principles^\*!****MAT207/MAT208****AZ10157****Grades: 10-12****Credit: 1.0****Prerequisite: Algebra I and Geometry**

AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career. Whether it is 3-D animation, engineering, music, app development, medicine, visual design, robotics, or political analysis, computer science is the engine that powers technology, productivity, and innovation that drives the world. Students will have opportunity to take the Advanced Placement test in the Spring to earn college credit.

**Duration: 1 Year****Course Type: Elective****AP Seminar****MSC557/MSC558****AZ22110****Grades 11-12****Credit: 1.0**

Designed by the College Board to parallel college-level courses in critical thinking and communications, AP Seminar courses provide students with the opportunity to explore complex real-world issues through cross-curricular lenses. Course topics vary and may include local, civic, or global issues and interdisciplinary subject areas. Courses typically emphasize research, communication, and critical-thinking skills to explore the issues addressed. Students may also examine source materials such as articles and other texts; speeches and personal accounts; and relevant artistic and literary works.

**Duration: 1 Year****Course Type: Elective****AP Research****MSC394/MSC494****AZ22110****Grades 11-12****Credit: 1.0****Prerequisite: AP Seminar Course**

An academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, the further the skills they acquired in the AP Seminar course by learning research methodology employing ethical research practices, and assessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

**Duration: 1 Year****Course Type: Elective**

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**Discussion of Contemporary Issues****MSC511****AZ04064****Grades: 11-12****Credit: 0.5**

Discussion of Contemporary Issues is a one-semester Social Studies elective course that examines current issues and events as they unfold across the globe. Students will analyze and debate these issues and their effects on everyday life. Lessons will include small and large group discussions, research, readings, and writing assignments. This is a speaking and writing intensive course.

**Duration: 1 Semester****Course Type: Elective****ELD Conversational English and Vocabulary****ELD101/ELD102****AZ01077****Grades: 9 – 12****Credit: 1.0****Prerequisite: Must be approved by the EL Coordinator**

This course is designed to provide students with the opportunity to practice and enhance their English conversational skills in accordance with the Arizona English Language Proficiency Standards (ELPS). Each semester, students will earn one-half elective credit as they engage in this course.

**Duration: 1 Year****Credit Type: Elective****ELD Reading and Writing****AZ01992****Grades: 9 – 12****Credit: 1.0****Prerequisite: Must be approved by the EL Coordinator**

This course is designed to help students practice and improve their reading, writing and comprehension skills in English, in alignment with the Arizona English Language Proficiency Standards (ELPS). Each semester, students will earn one-half elective credit upon completion of the course.

**Duration: 1 Year****Credit Type: Elective****Film Studies****MSC438****AZ05201****Grades: 11, 12****Credit: 0.5**

Film Studies course explores self-expression by utilizing movies as visual narratives. Students analyze and study all the language systems of film (e.g., photography, editing, sound, acting, story, writing, ideology, etc.). In studying these valuable tools that filmmakers use, students better understand how movies are constructed and appreciate the criteria necessary to make a film. Students both study and critique the works of others and participate in or produce art themselves. The course is both film history and genre study, to include comparative study of various films within a time period, culture, and genre. Film Studies is not intended to be a course solely for aspiring filmmakers. Upon completion of the course, students will be able to explain the artistic and technical merits of film based on the skills learned throughout the semester. This course is writing intensive.

**Duration: 1 Semester****Prerequisite: None****Course Type: Elective****Freshman Success****CTE287****AZ22151****Grade: 9****Credit: 1.0**

Freshmen Success is a course which prepares incoming ninth graders with the skills and habits of mind necessary to make a successful academic, social, and emotional transition to high school and post-secondary endeavors. Students will develop strategies to increase their study skills, time management, listening, and questioning techniques, independent thinking, critical reading, effective written and oral communication, and continuous learning.



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Exploring Careers will also be a component of the Freshmen Success class. Careers is the foundation experience within the Career and Technical Education (CTE) Delivery System supporting the successful transition to high school Career and Technical Education Career Preparation programs. The Arizona Department of Education approved curriculum framework is aligned with the Arizona Workplace Standards, Arizona Technology Standards, and the National Career Development Guidelines. It introduces students to the States' Career Clusters and provides instruction opportunities supported by a flexible learning environment, appropriate technology and support systems. [Does not count toward CTE / Fine Art graduation requirement.](#)

**Duration: 1 year**

**Prerequisite: None**

**Course Type: Elective**

### **Geography of the World**

**SS137**

**AZ04001**

**Grades 9-12**

**Credit: 0.5**

In this course, students will be asked to demonstrate knowledge about the physical geography of our planet earth. The concepts will include: 5 themes of geography, the location and development of political boundaries, the location and importance of the world's physical features, geography's impact on humans, and the themes of World History.

**Duration: 1 Semester**

**Prerequisite: None**

**Course Type: Elective**

### **History in Film**

**MSC167**

**AZ05201**

**Grades 10-12**

**Credit: 0.5**

In this course students will read about specific periods of the past through primary sources, research articles and books. Students will compare class readings with Hollywood film perspectives and other historical, social, and cultural perspectives of the same period. The focus of course work will be comprised of extensive discussion and written analysis. Students will need parent permission to view the films.

**Duration: 1 Semester**

**Prerequisite: None**

**Course Type: Elective**

### **Life 101**

**ELE106**

**AZ22152**

**Grades: 10-12**

**Credit: 1.0**

This course will help students match their interests and aptitudes to career options with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in and advance within the workplace. Course content will also include consumer education and personal money management topics.

**Duration: 1 year**

**Prerequisite: None**

**Course Type: Elective**

### **Life 101 Skills**

**AZ22207**

**Grades: 10-12**

**Credit: 1.0**

**Prerequisite: IEP Driven**

Life Skills is designed for students who are significantly below grade level in one or more of the following areas (reading, writing, math). The instruction is focused on self-advocacy, management of the home and personal finances, and the use of public information within the context of independent living, communicative competence, and independent mobility. Course content and instruction will be differentiated to meet the specialized needs of the students. *Must obtain ESS Coordinator approval.*

**Duration: 1 year**

**This course may be repeated**

**Course Type: Elective**

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**Principles of Algebra & Geometry****ELE103****AZ02074****Grades: 11-12****Credit: 1.0****Prerequisite: Algebra I, Algebra 2, Geometry**

Principles of Algebra and Geometry courses combine the study of some pre-algebra and algebra topics with introductory geometry topics. These courses include the study of formulas, algebraic expressions, first degree equations and inequalities, the rectangular coordinate system, area, perimeter, and volume of geometric figures, and properties of triangles and circles.

**Duration: 1 Year****Course Type: Elective****Psychology****4437****AZ04254****Grades: 10 -12****Credit: 0.5**

This course is a one semester elective course that focuses on the study of human behavior and mental processes. Topics include stress, mental health and wellness, learning and memory strategies, habit management, perception, social psychology concepts and communication, development changes and parenting skills, indicators of psychological disorders, personality assessment, motivation, and emotion.

**Duration: 1 semester****Prerequisite: None****Credit Type: Elective****AP Psychology\*****MSC141****AZ04256****Grades: 10 – 12****Credit: 0.5****Prerequisite: A or B in English**

The Advanced Placement course in Psychology gives high-ability students the opportunity to earn college credit in Psychology while still in high school. This class is designed to increase the students' understanding of psychology, theory, and research. The units of study will include methods and reasoning, developmental psychology, perception, and sensation, learning and intelligence, motivation and emotion, personality disorders, and social psychology. Students can take the AP test in the spring to earn college credit.

**Duration: 1 Semester****Credit Type: Elective****Reading****RDG109/110****AZ01067****Grades: 9-10****Credit: 0.5****Prerequisite: Reading Lexile below grade level**

Reading Intervention courses offer students the opportunity to focus on their reading skills. Assistance is targeted to students' weaknesses and is designed to bring students' reading comprehension up to the desired level or to develop strategies to read more efficiently. Students are placed into and exit this course based on diagnostic testing. This course **earns elective credit** and does not count toward the English graduation requirement.

**Duration: 1 Semester****This course may be repeated****Course Type: Elective****SEI Targeted Instruction - Oral English Conversation & Vocabulary****ELD109/ELD110****AZ01078****Grades: 9 – 12****Credit: 1.0****Prerequisite: Must be approved by the EL Coordinator**

This targeted SEI instruction course is specifically designed for English language learners to help them develop their English proficiency and engage in content learning. The course focuses on the four domains of reading, writing, listening, and speaking, and is based on the performance indicators of the Arizona English Language Proficiency Standards (ELPS).

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The goal of this instruction is to accelerate language acquisition and prepare students for success in all content areas in the mainstream classroom. Each semester, students will earn one-half elective credit.

**Duration: 1 Year**

**Credit Type: Elective**

**Student Leadership**

**MSC359/MS360**

**AZ22101**

**Grades 9 – 12**

**Credit: 1.0**

**Prerequisite: Class officer must enroll**

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.

**Duration: 1 year**

**This course may be repeated**

**Course Type: Elective**

**Sociology**

**MSC145**

**AZ04258**

**Grade: 10-12**

**Credit: 0.5**

The course looks at the systematic study of human behavior as shaped by group life and social systems. The class will discuss foundations of sociology, methods of study including inequality (gender, age), social institutions (government, marriage) and social change throughout human social life.

**Duration: 1 Semester**

**Course Type: Elective**

**Mathematics Lab**

**ELE105**

**AZ02202**

**Grades 9-12**

**Credit 0.5**

**Prerequisite: based on teacher recommendation**

A mathematics program of student developed in support of Title I qualified learners, focusing on skills required for student achievement. This program uses new media and interactive, technology-rich and adaptive learning environment to support learner needs and guides the learning process toward the achievement of 21<sup>st</sup> Century outcomes as outlined in Arizona State Educational, Common Core and National Educational Technology standards.

**Duration: 1 Semester**

**Course Type: Elective**

**Teacher/Office Aide**

**MSC101/MS102**

**AZ22051**

**Grade: 12 only**

**Credit: 0.5**

**Prerequisite: Seniors only/ teacher recommendation**

Aides perform various tasks and must be classified as seniors. Students may not enroll as a Teacher/Office Aide for more than one class period per semester.

**Duration: 1 semester**

**Course Type; Elective**

**Workplace Skills**

**AZ22152**

**Grades: 9 – 12**

**Credit: 1.00**

**Prerequisite: IEP driven**

Workplace Skills is designed for students who are significantly below grade level in one or more of the following areas (reading, writing, math) The instruction is focused within the functional context of work and community environments focusing on preparing the student for transitioning a range of Post Secondary Opportunities including Pre-employment activities such as work-based learning activities, Job Counseling, Work Readiness skills assessments/training, and Person-centered planning to support Individualized Education Plans. Student preferences are considered through-out the course

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content. Course content and instruction will be differentiated to meet the specialized needs of the students. *Must obtain ESS Service Provider approval.*

**Duration: 1 year**

**This course may be repeated**

**Credit Type: Elective**

**Yearbook I**

**MSC131**

**AZ11101**

**Grades: 9-12**

**Credit: 0.5**

This course trains students in the fundamentals of yearbook journalism. Course content includes history and progression of yearbook journalism; legal and ethical obligations of what you can and cannot put in a yearbook; interviewing styles; layout and design techniques; writing of articles; editing and proof-reading articles; basic photography; advertising/sales; meeting deadlines; decision making; and teamwork. The goal of this course is to produce a yearbook by the end of the school year. Daily attendance and the availability to do work outside normal classroom hours are required.

**Duration: 1 semester**

**This course may be repeated**

**Course Type: Elective**

**Yearbook II**

**MSC132**

**AZ11104**

**Grades: 10-12**

**Credit: 0.5**

**Sites: CG, VG**

**Prerequisite: Yearbook I**

Students will build upon knowledge gained in the Beginning Yearbook I course. Students will be required to implement knowledge by contributing to and producing the student-generated yearbook. Students will plan and produce the yearbook from inception to publication to distribution. Course content includes a review of legal and ethical obligations; interviewing styles; layout and design techniques; yearbook writing styles; editing and proofreading articles; yearbook photography; advertising/sales; meeting deadlines; decision making; leadership qualities and teamwork. This course's goal is to produce a yearbook by the end of the school year. Daily attendance and the availability to do work outside normal classroom hours are required.

**Duration: 1 semester**

**This course may be repeated**

**Course Type: Elective**

## PE Course Sequence

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### **Adaptive PE**

**PE125**

**AZ08007**

**Grades 9 – 12**

**Credit: 1.0**

**Prerequisite: IEP driven**

This course is designed to provide individual instruction in Physical Education. The course is individualized for each student based on the decisions made by the IEP Team. Students are provided with activities that enhance motor development, movement, balance, agility, coordination, and adaptive sports skills.

**Duration: 1 Year**

**This course may be repeated**

**Credit Type: PE or elective**

### **Athletic Training**

**HLT109/HLT110**

**AZ14060**

**Grades: 10 – 12**

**Credit: 0.5**

**Prerequisite: Must play football**

This class covers anatomy and physiology of the human body. The student will learn to apply knowledge of the human body to athletic injuries. Basic first aid and wrapping procedures will be covered. Students enrolled in this class should possess a genuine interest in both anatomy and health care professions.

**Duration; 1 Year**

**Credit Type: PE or elective**

### **Adv. Football Conditioning**

**PE144/PE145**

**AZ08009**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisite: Must play football**

The course is designed for the scholastic and athletic betterment of student-athlete members of the site Football team. This course will implement the development of skills and personal potential for student athletes interested in improving their current performance and physical well-being, in addition to preparation for further development at the collegiate level. Enrollment approval must be obtained from the varsity head coach before registration. Mandatory dressing out. Mandatory dressing out. *Students may not be concurrently enrolled in any other sports conditioning class.*

**Duration; 1 Year**

**This course may be repeated**

**Credit Type: Elective**

### **Adv. Sports Conditioning**

**PE135/PE136**

**AZ08009 /AZ08013**

**Grades: 10-12**

**Credit: 1.0**

**Prerequisite: Coach recommendation**

Course may be repeated for credit.) Students may not be concurrently enrolled in any other sports conditioning class)

The course is designed for the scholastic and athletic betterment of student-athlete members of a site athletic team. This course will implement the development of skills and personal potential for student athletes interested in improving their current performance and physical well-being, in addition to preparation for further development at the collegiate level. A student must be a varsity athlete to enroll. Mandatory dressing out.

**Duration: 1 Year**

**This course may be repeated**

**Credit Type: Elective**

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**Basketball Coed****PE141****AZ08002****Grades: 10-12****Credit: 0.5****Prerequisite: Boys/Girls PE or Coach Approval**

This is an upper-level Coed PE class designed for students to get instruction on the popular sport of basketball. Basic skills, rules and teamwork are the foundation of the instruction for this course. The focus of the class will be on tournaments and game play. Three-week seasons are played continuously throughout the semester. Other sports may be played as a break from the sport. Mandatory dressing out.

**Duration; 1 Semester****Credit Type: Elective****Cardio Fitness Coed****PE143****AZ080053****Grades: 10 – 12****Credit: 0.5****Prerequisite: Boys/Girls PE or Coach Approval**

This course may consist of dance aerobics, step, hi/lo impact movement, aerobic kickboxing, Pilates, yoga, P90X, Insanity, Zumba, and body toning workouts (circuit training). The class objective is to increase one's cardiovascular fitness, improve stamina, burn calories, improve body shape, composition, increase flexibility, and muscular endurance through aerobic exercise, along with basic nutritional information, and proper weight management. Personal fitness tests will be given throughout the semester. Suitable for all (sports NOT incorporated). Mandatory dressing out.

**Duration; 1 Semester****This course may be repeated****Credit Type: Elective****Co-Ed PE Skills****PE309****AZ08049****Grades 9 – 12****Credit: 0.5****Prerequisite: IEP driven**

This course is designed to provide individual instruction in Physical Education. Students are provided with activities that enhance gross and fine motor development, movement, balance, agility, coordination, body awareness, and adaptive sports skills. Students will gain experience with a variety of lifelong recreational activities to support wellness. Course content and instruction will be differentiated to meet the specialized needs of the students. Preference will be given to the students taking the MSAA.

**Duration: 1 Semester****Credit Type: Elective****Freshman Football Conditioning****PE149/PE150****AZ08013****Grade: 9****Credit: 0.5****Prerequisite: Member of Football Team**

The course is offered in the fall semester only. It is designed for the scholastic and athletic betterment of student-athlete members of the site Football Team. Course will implement the development of skills and personal potential for student athletes interested in improving their current performance and physical well-being, in addition to preparation for further development at the collegiate level. Enrollment approval must be obtained from the varsity head coach before registration. Mandatory dressing out.

**Duration: 1 Semester****This course may be repeated****Credit Type: Elective**

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### **Girls Weightlifting**

**PE130**

**AZ08009**

**Grades: 10 – 12**

**Credit: 0.5**

**Prerequisite: Girl's PE**

Students will develop lifelong knowledge and skills with free weights and universal lifting stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning.

**Duration: 1 Semester**

**This course may be repeated**

**Course Type: Elective**

### **Health & Fitness**

**PE152**

**AZ08052**

**Grade: 9**

**Credit: 1.0**

Health and Fitness combine the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits.

**Duration: 1 year**

**This course may be repeated**

**Course Type: Elective**

### **Health**

**HLT101**

**AZ08051**

**Grades: 10-12**

**Credit: 0.5**

Health education includes personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

**Duration: 1 Semester**

**Course Type: Elective**

### **Health Co-Ed Skills**

**HLT301**

**AZ08051**

**Grades: 9 -12**

**Credit: 0.5**

Health education includes personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources. Course content and instruction will be differentiated to meet the specialized needs of the students. Preference given to students taking the MSAA.

**Duration: 1 Semester**

**Course Type: Elective**

### **Lifetime Sports \*Coed**

**PE119**

**AZ08004**

**Grades: 10 – 12**

**Credit: 0.5**

**Prerequisite: Boys/Girls PE or Coach Approval**

This is an upper-level Coed PE class designed for students to get instruction for sports that they can continue to play after high school. Sports that will be covered in this class will include team sports like basketball, flag football, softball, soccer and individual sports like tennis, badminton, and bowling. Basic skills will be taught along with strategy, terminology, etiquette, and safety in this class for each student. Mandatory dressing out.

**Duration: 1 Semester**

**This course may be repeated**

**Credit Type: Elective**

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**Adaptive Net Sports Coed****AZ08002****Grades: 10 – 12****Credit: 0.5****Prerequisite: IEP Driven**

Students will be given instruction in three separate units of "Net Sports": basketball, volleyball, tennis, and badminton. A fourth unit of fitness instruction will be administered throughout the semester. A unit test and skills test will be given at the conclusion of each unit. Also included are history, terminology, etiquette, safety rules and basic skills along with a culminating tournament. Mandatory dressing out.

**Duration; 1 Semester****This course may be repeated****Credit Type: Elective****Net Sports Coed****PE121****AZ08002****Grades: 10 – 12****Credit: 0.5****Prerequisite: Boys/Girls PE or Coach Approval**

Students will be given instruction in three separate units of "Net Sports": basketball, volleyball, tennis, and badminton. A fourth unit of fitness instruction will be administered throughout the semester. A unit test and skills test will be given at the conclusion of each unit. Also included are history, terminology, etiquette, safety rules and basic skills along with a culminating tournament. Mandatory dressing out.

**Duration; 1 Semester****This course may be repeated****Credit Type: Elective****PE Coed****PE109****AZ08049****Grade: 10****Credit: 0.5**

Students will be taught the fundamental skills, rules, and requirements of various individual and team sports. They will learn lifetime fitness activities, how to interact with other students of varying abilities and the basic foundations of athletic participation. Students will take part in pre- and post-fitness tests. All students will take part in fitness activities to improve personal fitness levels which may include walking, running, calisthenics and other physical exercises. Mandatory dressing out.

**Duration: 1 Semester****Prerequisite: None****Course Type: Elective****Personal Fitness****PE158****AZ08016****Grades: 10 – 12****Credit: 0.5**

Students in Personal Fitness participate in both academic and physical activities to improve their knowledge about physical fitness and their own fitness level. Students gain research-supported knowledge about the "How's and Why's" of becoming and staying physically fit while simultaneously participating in a self-designed personal fitness plan. Some examples of fitness concepts explored in this course include the benefits of regular physical activity, components of fitness, exercise safety, risks of sedentary lifestyles, and the use of target heart rate range. Fitness level assessment and health risk assessment methods are also integrated into how to develop a personal fitness plan. A basic introduction of major muscles and how they help us move effectively, perform efficiently, and look great is included in this course as well. Mandatory dressing out.

**Duration; 1 Semester****This course may be repeated****Credit Type: Elective**



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**Weight Training \*Coed**

**PE123**

**AZ08009**

**Grades: 10 – 12**

**Credit: 0.5**

**Prerequisite: Boys/Girls PE or equivalent**

This course's purpose is to give students information about weight training. Students will learn to create programs using knowledge of muscle groups and proper lifting techniques to develop strength. Mandatory dressing out.

**Duration; 1 Semester**

**This course may be repeated.**

**Credit Type: Elective**

## Career Industry Elective Course Sequence (not CTE)

*These courses allow for career exploration but are not counted in the CTE course sequence.*

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Business Management

**BMS100**

**AZ12051**

**Grades: 9 – 12**

**Credit: 1.0**

Introductory Business courses survey many topics and concepts related to the business field. These courses introduce business concepts such as banking and finance, the role of government in business, consumerism, credit, investment, and management. They usually provide a brief overview of the U.S. economic system, small businesses, and corporate organizations. The Introductory Business course will also expose students to the varied opportunities in administration, accounting, management, and related fields.

**Duration: 1 Year**

**Prerequisite: None**

**Credit Type: Elective**

### Fashion Design & Merchandising

**FD100**

**AZ19207**

**Grades: 9 – 12**

**Credit: 1.0**

The course is designed to prepare students with knowledge and skills associated with apparel design, apparel production, as well as apparel selection, purchase, sales, and merchandising. The course will help prepare students for employment in various entry level positions in the apparel industry.

**Duration: 1 Year**

**Prerequisite: None**

**Credit Type: Elective**

### Introductory Music and Audio Production

**MAP100**

**AZ11056** [OBJ][OBJ]

**Grades: 9 – 12**

**Credit: 1.0**

The introductory Music and Audio Production course will teach students technical knowledge and skills aligned to the production of sound recordings, film and video productions, live sound productions, broadcasts, video game productions or mixed media. Students will also explore the history and societal and economic impact of the music and audio production industry.

**Duration: 1 Year**

**Prerequisite: None**

**Credit Type: Elective**

### Law and Public Safety

**LPS100**

**AZ15051**

**Grades: 9 – 12**

**Credit: 1.0**

This course emphasizes constitutional and practical law while providing opportunities for students to investigate topics such as the history and theory of law enforcement, the legal system including criminal law and juvenile justice. Additionally, this course will allow students to explore careers in law and public safety and exposes them to a variety of pathway options.

**Duration: 1 Year**

**Prerequisite: None**

**Credit Type: Elective**

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**Sports Medicine****SMED100****AZ14062****Grades: 9 – 12****Credit 1.0**

This course is designed for all students interested in allied health care such as athletic training, medical assisting, emergency medical technician, nursing, physical therapy doctor, and many others. It approves a foundation in allied health services, including administrative and clinical skills, medical ethics, HIPPA, anatomy and physiology as well as medical terminology, abbreviations, acronyms and symbols, patient scenarios, OSHA standards, first aid and CPR. Students will also explore careers in health-related fields. ADE CTE Technical Standards for Medical Assisting Services, Sports Medicine and Rehabilitation, and Arizona College and Career Ready Standards will be integrated throughout the course.

**Duration: 1 Year****Prerequisite: None****Credit Type: Elective**



## Science Course Sequence

**Credits Required for Graduation:** 3 credits  
**Credits Required for University:** 3 credits (must be lab sciences)

### Description:

Arizona requires that students complete 3 years/credits in science in different content areas such as Earth Science, Life Science, and Physical Science.

It is strongly recommended that students planning on continuing post High School education, take an additional 4<sup>th</sup> year of a lab science in place of an elective course.

Pathway Options			
	Traditional 	Modified <i>See course expectations</i>	College and Career Ready*! 
9 <sup>th</sup>	Investigative Science	Integrated Science (Co-taught or Skills)	• AP Biology
10 <sup>th</sup>	Biology	Biology (Co-taught or Skills)	•Honors Chemistry •AP Chemistry •AP Biology
11 <sup>th</sup>	Chemistry, Earth Science or Physics	Choose from: •Earth Science •Chemistry •Physics (Co-taught or skills)	Choose from: •Physics •AP Physics A
12 <sup>th</sup>	Choose from: •Forensic Science •Anatomy & Physiology •Earth Science	Not required but may discuss with counselor which science classes might be available.	Choose from: •AP Physics A Or •AP Physics B

### 9<sup>th</sup> Grade

**Italics underline = Requires student IEP      ^ = University approved      \* = weighted rank status**  
**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Integrated Science ^

**AZ03201**

**Grade: 9**

**Credit: 1.0**

Integrated Science is a physical laboratory science course focusing on the Scientific Process; Physics; Chemistry and Earth Science using inquiry and mathematics. Students will obtain; evaluate; and communicate scientific information This year-long course will allow students to read scientific texts; use mathematical practices; conduct numerous hands-on laboratory investigations; collect and analyze and interpret data and communicate their scientific knowledge through writing and speaking. This course will lay a foundation for students to pursue multiple avenues of science in high school and beyond.

**Duration: 1 year**

**Prerequisite: None**

**Credit Type: Science**

### Integrated Science Co-taught^

**AZ03201**

**Grade: 9**

**Credit: 1.0**

Integrated Science is a physical laboratory science course focusing on the Scientific Process; Physics; Chemistry and Earth Science using inquiry and mathematics. Students will obtain; evaluate; and communicate scientific information This year-long course will allow students to read scientific texts; use mathematical practices; conduct numerous hands-on

laboratory investigations; collect and analyze and interpret data and communicate their scientific knowledge through writing and speaking. This course will lay a foundation for students to pursue multiple avenues of science in high school and beyond. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 year**

**Prerequisite: None**

**Credit Type: Science**

**Integrated Science Skills**

**AZ03201**

**SC315/SC316**

**Grade: 9**

**Credit: 1.0**

**Prerequisite: IEP driven**

Integrated Science is a physical laboratory science course focusing on the Scientific Process; Physics; Chemistry and Earth Science using inquiry and mathematics. Students will obtain; evaluate; and communicate scientific information. This year-long course will allow students to read scientific texts; use mathematical practices; conduct numerous hands-on laboratory investigations; collect and analyze and interpret data and communicate their scientific knowledge through writing and speaking. This course will lay a foundation for students to pursue multiple avenues of science in high school and beyond. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

**Duration: 1 year**

**Credit Type: Science**

**10<sup>th</sup> Grade**

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

**Biology<sup>^</sup>**

**SC107**

**AZ03051**

**Grade: 10**

**Credit: 1.0**

**Prerequisite: Algebra I recommended**

This is a laboratory science course studying life from the simplest one-celled forms to the complex multi-cellular organisms. The course includes areas such as cellular structure and function, genetics, natural selection, populations, and biodiversity. This is accomplished through lectures, visuals and structured laboratory exercises which demonstrate the dynamics of living things.

**Duration: 1 year**

**Credit Type: Science**

**Biology Co-taught<sup>^</sup>**

**AZ03051**

**Grade: 10**

**Credit: 1.0**

**Prerequisite: Algebra I recommended**

This is a laboratory science course studying life from the simplest one-celled forms to the complex multi-cellular organisms. The course includes areas such as cellular structure and function, genetics, natural selection, populations, and biodiversity. This is accomplished through lectures, visuals and structured laboratory exercises which demonstrate the dynamics of living things.

**Duration: 1 year**

**Credit Type: Science**

**Biology Skills**

**SC307**

**AZ03051**

**Grade: 10**

**Credit: 1.0**

**Prerequisite: IEP driven**

This is a laboratory science course studying life from the simplest one-celled forms to the complex multi-cellular organisms. The course includes areas such as cellular structure and function, genetics, natural selection, populations, and biodiversity. This is accomplished through lectures, visuals and structured laboratory exercises which demonstrate the

dynamics of living things. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

**Duration: 1 year**

**Credit Type: Science**

**AP Biology<sup>^\*</sup>**

**SC103/SC104**

**AZ03056**

**Grades: 10-12**

**Credit: 1.0**

**Prerequisite: Algebra I, District Placement Scores**

AP Biology is an advanced laboratory course that helps students prepare for the AP Biology test and develop a conceptual framework for modern Biology and an appreciation of science as a process. The course will help students develop useful laboratory practices and analytical skills to be successful in college level-science classes and in their future careers. Students must take the Advanced Placement test in the spring to earn college credit.

**Duration: 1 year**

**Credit Type: Science**

**Honors Biology<sup>^\*</sup>**

**SC153**

**AZ03052**

**Grade: 10**

**Credit: 1.0**

**Prerequisites: Algebra 1, District Placement Scores**

This course is an activity-driven, rigorous Honors level biology curriculum and program designed to prepare students for Advanced Placement (AP)/College level Biology. The curriculum provides a comprehensive survey of the key issues of life science that includes biochemistry, cell biology, metabolic processes, DNA (and its associated technologies), genetics, ecology, evolution, organism diversity- systems and real-world applications. As part of the Honors Requirements, this course integrates additional problem solving and reasoning skills and laboratory and field research. This course will also have an extensive writing component for developing scientific literacy. Over the year, students will develop a skill set to help build a successful transition into the AP (college Majors level) science courses.

**Duration: 1 year**

**Credit Type: Science**

**11<sup>th</sup> Grade**

**Italics underline = Requires student IEP**

**<sup>^</sup> = University approved**

**<sup>\*</sup> = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

**Chemistry<sup>^</sup>**

**SC109**

**AZ03101**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisite: Biology**

Chemistry is the science that examines the structure of matter, its properties, and the changes it undergoes. It is based on both experiment and theory. As a result, the student comes to an understanding of the chemical world through a combination of laboratory experiments and analysis of the underlying theories. Topics will be studied using lecture/discussion, worksheets, demonstrations, and laboratory experiments. A course notebook is maintained, and lab write-ups are required. A solid foundation in math is important for success in this course.

**Duration: 1 year**

**Credit Type: Science**

**Chemistry Co-taught<sup>^</sup>**

**AZ03101**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisite: Biology & IEP driven**

Chemistry is the science that examines the structure of matter, its properties, and the changes it undergoes. It is based on both experiment and theory. As a result, the student comes to an understanding of the chemical world through a combination of laboratory experiments and analysis of the underlying theories. Topics will be studied using

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lecture/discussion, textbook reading, worksheets, demonstrations, and laboratory experiments. A course notebook is maintained, and lab write-ups are required. A solid foundation in math is important for success in this course. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 year**

**Credit Type: Science**

**Chemistry Essentials^**

**AZ03101**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisite: Biology & IEP driven**

Chemistry is the science that examines the structure of matter, its properties, and the changes it undergoes. It is based on both experiment and theory. As a result, the student comes to an understanding of the chemical world through a combination of laboratory experiments and analysis of the underlying theories. Topics will be studied using lecture/discussion, textbook reading, worksheets, demonstrations, and laboratory experiments. A course notebook is maintained, and lab write-ups are required. A solid foundation in math is important for success in this course. This course is aligned with state standards for Chemistry standards. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 year**

**Credit Type: Science**

**Chemistry Skills^**

**AZ03101**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisite: Biology & IEP driven**

Chemistry is the science that examines the structure of matter, its properties, and the changes it undergoes. It is based on both experiment and theory. As a result, the student comes to an understanding of the chemical world through a combination of laboratory experiments and analysis of the underlying theories. Topics will be studied using lecture/discussion, textbook reading, worksheets, demonstrations, and laboratory experiments. A course notebook is maintained, and lab write-ups are required. A solid foundation in math is important for success in this course. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

**Duration: 1 year**

**Credit Type: Science**

**AP Chemistry^\***

**SC137**

**AZ03106**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisite: Honors Chemistry, Algebra II**

AP Chemistry prepares students to take the AP Chemistry test and is designed to be the equivalent of a general chemistry course at the college level. The course focuses on developing a fundamental understanding of chemistry and fostering strong abilities to use chemical calculations effectively. Further, emphasizes Chemical calculations and the mathematical formulation of chemistry principles is emphasized. Lab experiences are typical of first-year college general chemistry courses and focus on quantitative aspects of chemistry. The AP Chemistry course builds student abilities to think critically, clearly, and logically, as well as become effective communicators. Students must take the Advanced Placement test in the spring to earn college credit.

**Duration: 1 year**

**Credit Type: Science**

**Pre-AP Chemistry^\***

**SC155**

**AZ03101**

**Grade: 11-12**

**Credit: 1.0**

**Prerequisite: Algebra II**

Pre-AP Chemistry is designed to be the equivalent of an honors chemistry course at the high school level. The course focuses on developing a fundamental understanding of chemistry and fostering strong abilities to use chemical calculations effectively. Chemical calculations and the mathematical formulation of chemistry principles are

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emphasized. Lab experiences are typical of first-year college general chemistry courses and focus on quantitative aspects of chemistry.

**Duration: 1 year**

**Credit Type: Science**

**Earth Science^**

**SC111**

**AZ03001**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisite: Teacher Recommendation**

Earth Science emphasizes the process of scientific investigation through the study of the physical world. Discussion of our Dynamic Earth processing its place in the universe materials, processes, history, and position in space is covered in this course. This course will introduce the student to the quantitative nature of knowledge and the skills of scientific investigation.

**Duration: 1 year**

**Credit Type: Science**

**Earth Science Skills**

**SC311**

**AZ03001**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisite: IEP Driven**

Earth Science emphasizes the process of scientific investigation through the study of the physical world. Discussion of the earth, its materials, processes, history, and position in space will be included. This course will introduce the student to the quantitative nature of knowledge and the skills of scientific investigation. This class aligns the common core connectors to skills and concepts taught in Earth Science. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA*

**Duration: 1 year**

**Credit Type: Science**

**Forensic Science^**

**SC115**

**AZ03999**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisite: Biology**

Forensic Science involves integrating various scientific disciplines such as Chemistry, Physics, Biology, and elements of Mathematics, Chemistry, Physics, and Biology used in crime- scene investigations. This course also delves into how these sciences are used in the courtroom. Labs, collaborative activities, investigations, and case studies are used to provide students with fundamental knowledge of crime scene investigations and how they are used in society. For high school students with Individualized Education Programs (IEPs), the curriculum is accessible and tailored to their diverse needs and learning styles.

**Duration: 1 year**

**Credit Type: Science**

**Physics^**

**SC105**

**AZ03155**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisite: Algebra I**

This course covers the study of matter, energy, and transformation, and their interactions in all systems. This course emphasizes hands-on activities that provide students with the opportunity to practice physical thinking based on models and the integration of physical ideas with mathematics. Students will conduct experiments that gather and analyze physical data by mathematical and graphical means. This course will cover topics such as energy and transformation, kinematics, motion, forces, waves, atomic structure and the interaction of light and matter.

**Duration: 1 year**

**Credit Type: Science**



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**Physics Co-taught^****AZ03151****Grades: 10 – 12****Credit: 1.0****Prerequisite: Algebra I & Investigative Science**

This course covers the study of matter, energy, and information and their interactions in all systems. This course emphasizes hands-on activities that provide students with the opportunity to practice physical thinking based on models and the integration of physical ideas with mathematics. Students will conduct experiments that gather and analyze physical data by mathematical and graphical means. This course will cover topics such as energy and information, kinematics, motion, forces, waves, atomic structure and the interaction of light and matter. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 year****Credit Type: Science****Physics Skills****SC321****AZ03151****Grades: 10 – 12****Credit: 1.0****Prerequisite: Algebra I & Investigative Science**

This course covers the study of matter, energy, and information and their interactions in all systems. This course emphasizes hands-on activities that provide students with the opportunity to practice physical thinking based on models and the integration of physical ideas with mathematics. Students will conduct experiments that gather and analyze physical data by mathematical and graphical means. This course will cover topics such as energy and information, kinematics, motion, forces, waves, atomic structure and the interaction of light and matter. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA*

**Duration: 1 year****Credit Type: Science****Honors Physics^****SC205/SC206****AZ03155****Grades: 10 – 12****Credit: 1.0****Prerequisite: Biology and Algebra II**

This course is like the regular physics class but more rigorous in terms of application of different theories. It also emphasizes computational skills and real-life applications. It follows mostly the plus standards in the Arizona Science Standards for Physics.

**Duration: 1 year****Credit Type: Science****AP Physics A^\*****SC105****AZ03155****Grades: 11-12****Credit: 1.0**

AP Physics A course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rational motion); work, energy, and power; mechanical waves and sound, and introductory, simple circuits. In this course students develop a conceptual framework for modern physics and an appreciation of science as a process. The course will help students develop useful laboratory practices and the analytical skills to be successful in college-level science classes and in their future careers. Students must take the Advanced Placement test in the spring to earn college credit.

**Duration: 1 year****Credit Type: Science**

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**AP Physics B<sup>^\*</sup>****SC157/SC158****AZ03155****Grades: 11-12****Credit: 1.0****Prerequisites:****AP Physics A or comparable introductory course; students should have taken or be concurrently enrolled in pre-calculus or an equivalent course**

AP Physics B course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. 25% of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply science practices. Students can take the Advanced Placement test in the spring to earn college credit.

**Duration: 1-year****Credit Type: Science**



## Studies Course Sequence

**Credits Required for Graduation: 3 credits**

**Credits Required for University: 2 credits**

### Description:

Students must successfully complete World History/Geography, United States/AZ History, United States/AZ Government, and Economics to receive high school diploma.

Pathway Options			
	Traditional 	*Modified <i>See course expectations</i>	College and Career Ready*! 
9 <sup>th</sup>	N/A	N/A	N/A
10 <sup>th</sup>	World History/Geography	World History/Geography (co-taught or skills)	AP World History: Modern *Refer to course expectations of Advanced Placement
11 <sup>th</sup>	United States/AZ History <i>Civics test taken this year</i>	United States/AZ History <i>Civics test taken this year</i> (co-taught or skills)	AP U.S. History *Refer to course expectations of Advanced Placement
12 <sup>th</sup>	<ul style="list-style-type: none"> <li>•United States/AZ Government (1-semester)</li> <li><b>OR</b></li> <li>•We the People (1 semester)</li> <li><b>AND</b></li> <li>•Economics (1 semester)</li> </ul>	United States/AZ Government (1-semester) <b>OR</b> We the People (1 semester) <b>AND</b> Economics (1 semester) (co-taught or skills)	AP Government (1 semester) *Refer to course expectations of Advanced Placement <b>and</b> Economics (1 semester)

American Civics assessment is a graduation requirement. Specific requirements are set by the Arizona State Board of Education. Students are required to pass a civics test based on the United States Immigration and Naturalization civics questions. Passing score as determined by the state.

### 10<sup>th</sup> Grade

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

World History/Geography^

SS121/SS122

AZ04052

Grade: 10

Credit: 1.0

This course is designed as a comprehensive study of world history topics. Students will use inquiry to explore a variety of people, events, and movements in world history. Students will analyze the impact of social, geographic, political, and economic influences on historical events. The course includes a balanced approach to the Eastern and Western Hemispheres including a study of the peoples of Africa, the Americas, Asia, and Europe. To allow for depth of content and connection to current issues and events, the course begins in the 15th century and ends with contemporary global issues.

Duration: 1 year

Prerequisite: None

Credit Type: Social Studies

**World History/Geography Co-taught^**

AZ04052

Grade: 10

Credit: 1.0

**Prerequisite: IEP Driven**

This course is designed as a comprehensive study of world history topics. Students will use inquiry to explore a variety of people, events, and movements in world history. Students will analyze the impact of social, geographic, political, and

economic influences on historical events. The course includes a balanced approach to the Eastern and Western Hemispheres including a study of the peoples of Africa, the Americas, Asia, and Europe. To allow for depth of content and connection to current issues and events, the course begins in the 15th century and ends with contemporary global issues. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 year**

**Credit Type: Social Studies**

**World History/Geography Skills**

**SS321**

**AZ04052**

**Grade: 10**

**Credit: 1.0**

**Prerequisite: IEP Driven**

This course is designed as a comprehensive study of world history topics. Students will use inquiry to explore a variety of people, events, and movements in world history. Students will analyze the impact of social, geographic, political, and economic influences on historical events. The course includes a balanced approach to the Eastern and Western Hemispheres including a study of the peoples of Africa, the Americas, Asia, and Europe. To allow for depth of content and connection to current issues and events, the course begins in the 15th century and ends with contemporary global issues. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

**Duration: 1 year**

**Credit Type: Social Studies**

**AP World History: Modern ^\***

**SS111**

**AZ04057**

**Grade: 10**

**Credit: 1.0**

**Prerequisite: Pre-AP World History or teacher approval**

This course is designed as a comprehensive study of world history topics. Students will use inquiry to explore the cultural, economic, political, geographical, and social developments that have shaped the world from c. 1200 CE to the present. The course includes a balanced approach to the Eastern and Western Hemispheres including a study of the peoples of Africa, the Americas, Asia, and Europe. Students will analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.

**Duration: 1 year**

**Credit Type: Social Studies**

**11<sup>th</sup> Grade**

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

**United States/Arizona History^**

**SS101**

**AZ04101**

**Grade: 11**

**Credit: 1.0**

American History will be explored from European discovery to the present day in accordance with state and ACCRS Standards. The course is structured around activities, assigned readings, and discussions designed to develop an understanding of the cultural, economic, and political growth of the United States.

**Duration: 1 year**

**Credit Type: Social Studies**

**United States/Arizona History Co-taught^**

**AZ04101**

**Grade: 11**

**Credit: 1.0**

**Prerequisite: IEP driven & Teacher Recommendation**

American History will be explored from European discovery to the present day in accordance with state and ACCRS Standards. The course is structured around activities, assigned readings, and discussions designed to develop an understanding of the cultural, economic, and political growth of the United States.

Duration: 1 year

Credit Type: Social Studies

**United States/Arizona History Skills**

SS321/SS322

AZ04052

Grade: 11

Credit: 1.0

**Prerequisite:** IEP driven

American History will be explored from European discovery to the present day in accordance with state and ACCRS Standards. The course is structured around activities, assigned readings, and discussions designed to develop an understanding of the cultural, economic, and political growth of the United States. Course content and instruction will be differentiated to meet the specialized needs of the students. *Preference will be given to students taking the MSAA.*

Duration: 1 year

Credit Type: Social Studies

**AP United States History<sup>^\*</sup>**

SS109/SS110

AZ04104

Grade: 11

Credit: 1.0

**Prerequisite:** AP World History or teacher approval

AP United States History provides college-bound students with analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands on them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course will examine US history from colonization through the present day. Students will be required to complete a significant amount of reading and writing assignments in preparation for the AP exam.

Duration: 1 year

Credit Type: Social Studies

**12<sup>th</sup> Grade**

**Italics underline = Requires student IEP**

**<sup>^</sup> = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

**United States/Arizona Government<sup>^</sup>**

SS103

AZ04157

Grade: 12

Credit: 1.0

Focus on the US Constitutional system, its foundations, form, and function. Further, the course emphasizes the three branches of government, civic responsibilities, and civil rights issues in the US and Arizona. State and ACCRS Standards are covered throughout the semester.

Duration: 1 year

Credit Type: Social Studies

**United States/Arizona Government Co-taught<sup>^</sup>**

AZ04151

Grade: 12

Credit: 1.0

Focus on the US Constitutional system, its foundations, form, and function. Further, the course emphasizes the three branches of government, civic responsibilities, and civil rights issues in the US and Arizona. State and ACCRS Standards are covered throughout the semester. Students receive instruction from two teachers (Content specialist and an ESS teacher).

Duration: 1 year

Credit Type: Social Studies

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**United States/Arizona Government Skills****SS319****AZ04151****Grade: 12****Credit: 0.5****Prerequisite: IEP Driven**

Focus on the US Constitutional system, its foundations, form, and function. Further, the course emphasizes the three branches of government, civic responsibilities, and civil rights issues in the US and Arizona. State and ACCRS Standards are covered throughout the semester. . This class emphasizes the common core connectors to skills and concepts taught in US/Arizona Government. Course content and instruction will be differentiated to meet the specialized needs of the students. *Registration Preference will be given to students taking the MSAA*

**Duration: 1 Semester****Credit Type: Social Studies****We the People: The Citizen & The Constitution^****SS120****AZ04151****Grade: 12****Credit: 0.5**

We the People: The Citizen and the Constitution course enhances students' understanding of the American constitutional democracy and prepares students for the academic rigors of higher education and the working world. Students will participate in several simulated congressional hearings, discovering the contemporary relevance of the Constitution and the Bill of Rights, with additional emphasis being placed on thorough examination of the US founding documents, US Supreme Court cases, and the US Legal System. Students may also have an opportunity to compete at the district, state, and national level against other schools participating in the We the People course. This rigorous course meets the Arizona State Standards for a high school Government course.

**Duration: 1 Semester****Credit Type: Social Studies****AP United States Government and Politics^\*****SS103****AZ04157****Grade: 12****Credit: 0.5****Prerequisite: AP U.S. History or teacher approval**

The acquisition of a thorough and systematic comprehension of the U.S. Government and politics requires that students learn facts and concepts and understand typical political processes. Further, students must be guided to use specific information critically to evaluate general propositions about government and politics and to analyze political relationships between people and institutions and between different institutions. Students are also required to interpret and utilize basic data relevant to government and politics in sustained written arguments. AP Government will require extra time on the part of the student for preparation and completion of reading and writing assignments.

**Duration: 1 Semester****Credit Type: Social Studies****Economics^****SS113****AZ04201****Grade: 12****Credit: 0.5**

The students will develop economic reasoning skills to apply basic economic concepts, assess problems and make choices. Students will also have an opportunity to evaluate the choices of others such as consumers, workers, and citizens participating in local, national, and global economics.

**Duration: 1 Semester****Credit Type: Social Studies****Economics Co-taught^****AZ04201****Grade: 12****Credit: 0.5****Prerequisite: IEP; teacher recommendation**

The students will develop economic reasoning skills to apply basic economic concepts, assess problems and make choices. Students will also have an opportunity to evaluate the choices of others such as consumers, workers, and

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citizens participating in local, national, and global economics. Students receive instruction from two teachers (Content specialist and an ESS teacher).

**Duration: 1 Semester**

**Credit Type: Social Studies**

**Economics Skills**

**SS313**

**AZ04201**

**Grade: 12**

**Credit: 0.5**

**Prerequisite: IEP Driven**

Focus on the US Constitutional system, its foundations, form, and function. Further, the course emphasizes the three branches of government, civic responsibilities, and civil rights issues in the US and Arizona. State and ACCRS Standards are covered throughout the semester. . This class emphasizes the common core connectors to skills and concepts taught in US/Arizona Government. Course content and instruction will be differentiated to meet the specialized needs of the students.

**Duration: 1 Semester**

**Credit Type: Social Studies**

**AP Human Geography\***

**MSC139**

**AZ04004**

**Grade: 9 – 12**

**Credit: 0.5**

**Prerequisite: A or B in English**

The Advanced Placement course in Human Geography gives high-ability students the opportunity to earn college credit in geography while still in high school. More importantly, the content of an AP Geography course helps students develop critical- thinking skills through the understanding, application, and analysis of the fundamental concepts of geography. Through AP Geography, students are introduced to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the earth's surface. They also learn the methods and tools geographers use in their science and practice. AP Human Geography is a college-level course and will require extra time on the part of the student for preparation and completion of reading and writing assignments.

**Duration: 1 Semester**

**Credit Type: Elective**

## World Language Course Sequence

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Spanish I

**WL109**

**AZ06101**

**Grades: 9-12**

**Credit: 1.0**

This is a beginning Spanish course with a four-point emphasis: listening, speaking, reading, and writing. Basic grammar, basic vocabulary and comprehension are the skills emphasized. Included is an introduction to the Hispanic culture and the geography of the Hispanic world. Students whose primary language is Spanish should not take this class.

**Duration: 1 Year**

**Course Type: Elective or World Language**

### Spanish II

**WL111**

**AZ06102**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisites: Spanish I**

Spanish II is a continuation of Spanish I. Vocabulary, grammar, oral and audio comprehension is expanded. Much time is spent on practical usage in the form of conversation.

**Duration: 1 Year**

**Course Type: Elective or World Language**

### Spanish III

**WL125**

**AZ06103**

**Grades: 11-12**

**Credit: 1.0**

**Prerequisites: Spanish II**

Spanish III courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

**Duration: 1 Year**

**Course Type: Elective or World Language**

### Spanish for Native Speakers

**WL119/WL120**

**AZ06106**

**Grades: 9 – 12**

**Credit: 1.0**

**Prerequisites: Fluent Spanish Speaker**

This course is designed for students who are fluent Spanish speakers. The class is conducted entirely in Spanish. The course will emphasize the three modes of communication (interpersonal, interpretive, and presentational). As students improve their speaking skills, they will: read a variety of texts, learn language structure (grammar), write coherently, and make presentations. They will also compare their cultures and communities with other Spanish speaking countries and make culture connections. This is an elective credit not a World Language Credit.

**Duration: 1 Year**

**Course Type: Elective ONLY**



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**AP Spanish Language and Culture\*****WL115****AZ06112****Grade: 11-12****Credit: 1.0****Prerequisites: STAMP test (Seal of Biliteracy) or Teacher recommendation.**

AP Spanish Language is a course of intense studies through conversation, listening, comprehension, reading, writing and grammar analysis. These skills are expanded through the study of literature, culture, history, and geography of the Spanish-speaking world. The use of Spanish for active communication is stressed in the following ways: comprehending formal and informal spoken Spanish, composing expository passages, and expressing ideas orally with accuracy and fluency. **This class earns weighted credit.**

**Duration: 1 Year****Course Type: Elective or World Language****AP Spanish Literature and Culture\*****WL117****AZ06113****Grade: 11-12****Credit: 1.0****Prerequisites: Teacher Recommendation**

This course is intended for students who have taken the AP Spanish Language course or wish to further develop their reading and writing skills through the study of seven centuries of Hispanic literature. This course focuses on poetry analysis, thematic analysis, and text analysis of medieval and Golden Age literature, nineteenth-century literature, and twentieth-century literature of the Spanish-speaking world. Students will be exposed to a wide variety of genres and types of discourse and acquainted with significant works that have become sources for literature and art worldwide. Students must pass the AP Spanish Literature Exam offered at the end of the second semester for college credit. There is an additional fee for the A.P. Spanish Literature Exam.

**Duration: 1 Year****Course Type: Elective or World Language****French I****WL101****AZ06121****Grades: 9 – 12****Credit: 1.0****Sites: VG**

French I is an introductory course open to all grade levels. It is designed to provide a basic proficiency in listening, speaking, reading and writing. Study concentrates on the cultures of the French speaking world, basic grammar and geography.

**Duration: 1 Year****Course Type: Elective or World Language**

## PLANNING WORKKSHEET

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# PACE

## Pathways Accelerating Career Experiences



Crystal Danzy  
Headmaster/Principal  
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## VISION

PACE WILL DEVELOP THE TALENT OF TOMORROW BY PROVIDING EQUITABLE LEARNING EXPERIENCES FOR EACH STUDENT TO SUCCESSFULLY COMPETE IN THE FUTURE OF WORK.

## MISSION

COLLABORATE WITH THE COMMUNITY TO PERSONALIZE STUDENT LEARNING USING LEARNING PATHWAYS, PROJECTS, AND A COMPREHENSIVE APPROACH TO SKILLS DEVELOPMENT.

## KEY PRIORITIES

- MASTERY LEARNING
- ENGAGING INSTRUCTION
- VARIED-PACED/PERSONALIZED LEARNING
- POST-SECONDARY OPPORTUNITIES
- COMMUNITY CONNECTION
- CAREER AND WORK READINESS PREPARATION
- SEAL OF BILITERACY ATTAINMENT
- COMPREHENSIVE LEARNING APPROACH

## PACE Career Pathways

PACE offers several program options. All courses include project-based learning and provide opportunities for students to earn industry credentials. The following is a list of programs and suggested sequences for course completion at PACE: 2 years=program completion. Each program elective begins in year 3 for further study and in-depth involvement in wayfinding activities, scholarship opportunities, internships, and embedded or dual credit. See pages for additional information about these courses and CAVIT programming. One year of any career pathway course earns one credit hour.

<b>Business and Entrepreneurship</b> Course 1: Business Management Course 2: Intro to Entrepreneurship Course 3: Principles of Business, Finance, and Marketing	<b>Design and Engineering</b> Course 1: Intro to Engineering Design Course 2: Drafting I Course 3: Drafting II	<b>Digital Arts, Animation, and Gaming</b> Course 1: Intro to Computer Graphics Course 2: Animation Course 3: Game Design
<b>Government and Public Administration</b> Course 1: Geography of the World Course 2: Public Law & Safety Course 3: We the People: The Citizen and the Constitution	<b>Industrial Technology</b> Course 1: Intro to Coding Course 2: CAVIT: Automated Industrial Tech Course 3: CAVIT: Automated Industrial Tech	<b>Information Systems</b> Course 1: Computer Technology Course 2: Fundamentals of Computer Science Course 3: Cyber Security
<b>Media Technology</b> Course 1: Intro to Music and Audio Production Course 2: Broadcast Journalism Production Course 3: Multimedia Web Design	<b>Work Based Learning</b> Course 1: Internship Course 2: Apprenticeship Course 3: Job Shadowing	

## PACE Education Courses

Our students are required to follow the foundational academics as required by the state and our Board, but we also include college and career readiness, and personal enrichment experiences to provide a well-rounded education and increase post-secondary success. We are a competency-based school that focuses on supporting mastery of skills. Our grading system is based on specified levels of performance, which are converted into traditional grades at the end of each semester.

The following is a complete list of courses offered at P.A.C.E.; classes offered are based on staffing.

## PACE English Courses

**Credits Required for Graduation:** 4 credits.

**Credits Required for University:** 4 credits.

All senior options meet the requirements for a 4<sup>th</sup> year English course as outlined by the Arizona Department of Education, the Arizona College and Career Standards, and university admission requirements.

Year	Class	Year	Class
Freshmen	English 9	Junior	English 11
Sophomore	English 10	Senior	English 12

**Italics underline = Requires student IEP**

**<sup>^</sup> = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

**English 9<sup>^</sup>**

**ENG101/ENG102**

**AZ01001**

**Credit: 1.0**

Students will be introduced to a variety of text types and genres and will be able to communicate effectively about them. This will include learning to complete in-depth analysis of functional, expository, persuasive, and literary texts, as well as poetry, drama, and novels. Students will work to enhance their communication and problem-solving skills by developing the ability to provide support for their opinions.

**Duration: 1 Year**

**Course Type: English**

**English 10<sup>^</sup>**

**ENG103/104**

**AZ01002**

**Credit: 1.0**

**Required English 10<sup>th</sup>**

Continuing the development of skills introduced in English 9, this course will advance composition techniques, writing modes, spoken and written expression, language skills (grammar and revision), and reading strategies. This course will survey world literature to build upon the competencies learned in the beginning course and prepare students to achieve proficiency on the State tests.

**Duration: 1 Year**

**Course Type: English**

**English 11<sup>^</sup>**

**ENG105/106**

**AZ01003**

**Credit: 1.0**

**Prerequisite: English 10**

English 11 includes the study of American Literature and writing skills. Rhetoric, usage and vocabulary building are also practiced. A research project is required for this course's completion. This course meets all the requirements in the Arizona College and Career Standards for junior level English course.

**Duration: 1 Year**

**Course Type: English**

English 12^  
ENG107/108  
AZ01004  
Credit: 1.0

English 12 concentrates on the following skills: Composition, with an emphasis on expository writing; English Literature survey from the Anglo-Saxon period through the Twentieth Century; vocabulary development, spelling awareness, research, book reviews, computer literacy and speeches.

Duration: 1 year

Course Type: English

PACE Math Course Sequence

Credits Required for Graduation: 4 credits.  
Credits Required for University: 4 credits

Description:  
Students must complete at least four years of mathematics and one of the credits must have Algebra II as a prerequisite. Arizona university admission for mathematics requires a passing grade of C or better in Algebra 1, Geometry, Algebra II, and one (1) additional math credit for which Algebra II is a prerequisite.

Year	Class	Year	Class
Freshmen	Algebra I	Junior	Algebra II
Sophomore	Geometry	Senior	Precalculus

***Italics underline* = Requires student IEP      ^ = University approved      \* = weighted rank status**  
**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

Algebra I ^  
MAT101  
AZ02052  
Credit: 1.0

Students study algebra, including writing, solving, graphing multi-step linear and quadratic equations, functions, and inequalities as well as systems of equations and inequalities. Also included are factoring and operations with polynomials and radicals.

Duration: 1 Year

Course Type: Math

Geometry^  
MAT115/MAT116  
AZ02072  
Credit: 1.0

Prerequisite: Algebra I; teacher recommendation  
Students use geometric methods, properties, and relationships to recognize, draw, describe, connect, and analyze shapes and representations in the physical world. Topics also include recognizing and applying inductive and deductive reasoning and the language of logic.

Duration: 1 Year

Course Type: Math

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**Algebra II<sup>^</sup>****MAT103****AZ02056****Credit: 1.0****Prerequisite: Geometry**

The study of algebraic applications is continued and expanded to include more advanced systems of equations, statistics, simplifying rational expressions, solving, and graphing quadratic equations and using the quadratic formula.

**Duration: 1 Year****Course Type: Math****Precalculus<sup>^</sup>****MAT105/MAT106****AZ02057****Grades: 11-12****Credit: 1.0****Prerequisite: Algebra 1, Algebra 2, Geometry**

The study of algebraic applications is continued with the study of multi-valuable linear and nonlinear equations and inequalities.

**Duration: 1 Year****Course Type: Math**

**Miscellaneous Course Sequence**

**Italics underline = Requires student IEP****<sup>^</sup> = University approved****\* = weighted rank status****! = Dual credit and weighted grade (depending on enrollment and staffing availability)****Advisory****AZ22151****Grades 9 – 12****Credit:0.5 (full year)**

Identify and evaluate personal goals, priorities, attitudes, and interests. This is time for students to define their why, develop a clear mission/vision of their future self.

**Duration: 1 Year****Course Type: Elective****Business Management****AZ12051****Grades: 9 - 12**

Introductory Business courses survey many topics and concepts related to the business field. These courses introduce business concepts such as banking and finance, the role of government in business, consumerism, credit, investment, and management. They usually provide a brief overview of the U.S. economic system, small businesses, and corporate organizations. The Introductory Business course will also expose students to the varied opportunities in administration, accounting, management, and related fields.

**Duration: 1 year****Course Type: Elective****Student Leadership****AZ22101****Grades: 9 -12**

Leadership courses are designed to strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics. Class officers must enroll in Student Leadership

**Duration: 1 year****Course Type: Elective****Yearbook 1**



**AZ11101****Grades 9-12****Credit: 1.0**

This course trains students in the fundamentals of yearbook journalism. Course content includes history and progression of yearbook journalism; legal and ethical obligations of what you can and cannot put in a yearbook; interviewing styles; layout and design techniques; writing of articles; editing and proof-reading articles; basic photography; advertising/sales; meeting deadlines; decision making; and teamwork. The goal of this course is to produce a yearbook by the end of the school year.

**Daily attendance and the availability to do work outside normal classroom hours are required.**

**Duration: 1 year****Course May be Repeated****Course Type: Elective****Yearbook II****AZ11102****Grades 10-12****Prerequisite: Yearbook 1**

Students will build upon knowledge gained in the Beginning Yearbook I course. Students will be required to implement knowledge by contributing to and producing the student-generated yearbook. Students will plan and produce the yearbook from inception to publication to distribution. Course content includes a review of legal and ethical obligations; interviewing styles; layout and design techniques; yearbook writing styles; editing and proofreading articles; yearbook photography; advertising/sales; meeting deadlines; decision making; leadership qualities and teamwork. This course's goal is to produce a yearbook by the end of the school year. **Daily attendance and the availability to do work outside normal classroom hours are required.**

**Duration: 1 year****Course May be Repeated****Course Type: Elective**

## PACE Fine Arts Course Sequence

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

**Film Studies****AZ05201****Grades: 11-12**

Film Studies course explores self-expression by utilizing movies as visual narratives. Students analyze and study all the language systems of film (e.g., photography, editing, sound, acting, story, writing, ideology, etc.). In studying these valuable tools that filmmakers use, students better understand how movies are constructed and appreciate the criteria necessary to make a film. Students both study and critique the works of others and participate in or produce art themselves. The course is both film history and genre study, to include comparative study of various films within a time period, culture, and genre.

Film Studies is not intended to be a course solely for aspiring filmmakers. Upon completion of the course, students will be able to explain the artistic and technical merits of film based on the skills learned throughout the semester. This course is writing intensive.

**Duration: 1 year****Course Type: Fine Arts****Introductory Music and Audio Production****AZ11056****Grades: 9 – 12**

The introductory Music and Audio Production course will teach students technical knowledge and skills aligned to the production of sound recordings, film and video productions, live sound productions, broadcasts, video game productions or mixed media. Students will also explore the history and societal and economic impact of the music and audio production industry.

**Duration: 1 year****Course Type: Fine Arts**

## PACE PE Course Sequence

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

### Health & Fitness

PE152

AZ08052

Grade: 9

Credit: 1.0

Health and Fitness combine the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits.

Duration: 1 year

This course may be repeated

Course Type: Elective

## PACE Science Course Sequence

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

Credits Required for Graduation: 3 credits.

Credits Required for University: 3 credits (must be lab sciences)

### Description:

Arizona requires that students complete 3 years/credits in science.

**It is strongly recommended that students planning on continuing post High School education, take an additional 4<sup>th</sup> year of a lab science in place of an elective course.**

Year	Class	Year	Class
Freshmen	Earth Science	Junior	Chemistry
Sophomore	Biology	Senior (optional)	

### Earth Science^

SC111

AZ03001

Grades: 11-12

Credit: 1.0

Earth Science emphasizes the process of scientific investigation through the study of the physical world. Discussion of our Dynamic Earth processing its place in the universe materials, processes, history, and position in space is covered in this course. This course will introduce the student to the quantitative nature of knowledge and the skills of scientific investigation.

Duration: 1 year

Credit Type: Science

### Biology^

SC107

AZ03051

Grade: 10

Credit: 1.0

This is a laboratory science course studying life from the simplest one-celled forms to the complex multi-cellular organisms. The course includes areas such as cellular structure and function, genetics, natural selection, populations, and

biodiversity. This is accomplished through lectures, visuals and structured laboratory exercises which demonstrate the dynamics of living things.

**Duration: 1 year**

**Credit Type: Science**

#### **Chemistry^**

**SC109**

**AZ03101**

**Grades: 10 – 12**

**Credit: 1.0**

**Prerequisite: Biology**

Chemistry is the science that examines the structure of matter, its properties, and the changes it undergoes. It is based on both experiment and theory. As a result, the student comes to an understanding of the chemical world through a combination of laboratory experiments and analysis of the underlying theories. Topics will be studied using lecture/discussion, worksheets, demonstrations, and laboratory experiments. A course notebook is maintained, and lab write-ups are required. A solid foundation in math is important for success in this course.

**Duration: 1 year**

**Credit Type: Science**

### **PACE Studies Course Sequence**

**Credits Required for Graduation: 3 credits**

**Credits Required for University: 2 credits**

#### **Description:**

Students must successfully complete World History/Geography, United States/AZ History, United States/AZ Government, and Economics to receive high school diploma.

American Civics assessment is a graduation requirement. Specific requirements are set by the Arizona State Board of Education. Students are required to pass a civics test based on the United States Immigration and Naturalization civics questions. Passing score as determined by the state.

<b>Year</b>	<b>Class</b>	<b>Year</b>	<b>Class</b>
<b>Freshmen</b>	N/A	<b>Junior</b>	American History
<b>Sophomore</b>	World History	<b>Senior (optional)</b>	Government and Economics

**Italics underline = Requires student IEP**

**^ = University approved**

**\* = weighted rank status**

**! = Dual credit and weighted grade (depending on enrollment and staffing availability)**

#### **World History/Geography^**

**SS121/SS122**

**AZ04052**

**Grade: 10**

**Credit: 1.0**

This course is designed as a comprehensive study of world history topics. Students will use inquiry to explore a variety of people, events, and movements in world history. Students will analyze the impact of social, geographic, political, and economic influences on historical events. The course includes a balanced approach to the Eastern and Western Hemispheres including a study of the peoples of Africa, the Americas, Asia, and Europe. To allow for depth of content and connection to current issues and events, the course begins in the 15th century and ends with contemporary global issues.

**Duration: 1 year**

**Prerequisite: None**

**Credit Type: Social Studies**

#### **United States/Arizona History^**

**SS101**

**AZ04101****Grade: 11****Credit: 1.0**

American History will be explored from European discovery to the present day in accordance with state and ACCRS Standards. The course is structured around activities, assigned readings, and discussions designed to develop an understanding of the cultural, economic, and political growth of the United States.

**Duration: 1 year****Credit Type: Social Studies****United States/Arizona Government^****SS103****AZ04157****Grade: 12****Credit: 1.0**

Focus on the US Constitutional system, its foundations, form, and function. Further, the course emphasizes the three branches of government, civic responsibilities, and civil rights issues in the US and Arizona. State and ACCRS Standards are covered throughout the semester.

**Duration: 1 year****Credit Type: Social Studies****Economics^****SS113****AZ04201****Grade: 12****Credit: 0.5**

The students will develop economic reasoning skills to apply basic economic concepts, assess problems and make choices. Students will also have an opportunity to evaluate the choices of others such as consumers, workers, and citizens participating in local, national, and global economics.

**Duration: 1 Semester****Credit Type: Social Studies**

## PACE World Language Course Sequence

**Italics underline = Requires student IEP****^ = University approved****\* = weighted rank status****! = Dual credit and weighted grade (depending on enrollment and staffing availability)****Spanish I****WL109****AZ06101****Grades: 9-12****Credit: 1.0**

This is a beginning Spanish course with a four-point emphasis: listening, speaking, reading, and writing. Basic grammar, basic vocabulary and comprehension are the skills emphasized. Included is an introduction to the Hispanic culture and the geography of the Hispanic world. Students whose primary language is Spanish should not take this class.

**Duration: 1 Year****Course Type: Elective or World Language****Spanish II****WL111****AZ06102****Grades: 10 – 12****Credit: 1.0****Prerequisites: Spanish I**

Spanish II is a continuation of Spanish I. Vocabulary, grammar, oral and audio comprehension is expanded. Much time is spent on practical usage in the form of conversation.

**Duration: 1 Year****Course Type: Elective or World Language**

## PACE Design and Engineering

Students interested in STEM topics, Manufacturing, Infrastructure, and Transportation Industries may be interested in the Engineering program.

### **Intro to Engineering Design**

**AZ21005**

**Grades 9 – 10**

**Program Fee: \$40 (collected at registration)**

Engineering Design courses offer students experience in solving problems by applying a design development process. Often using solid modeling computer design software, students develop, analyze, and test product solutions models as well as communicate the features of those models. Students will respond to the function of fundamental processes of artistic expression in 2D and 3D designs. Students apply the concepts and approaches in the 2D and 3D problems so that they can demonstrate a range of abilities and versatility with technique, problem solving and ideation.

**Duration: 1 year**

**Credit Type: Elective**

## PACE Government and Public Administration

### **Geography of the World**

**AZ04001**

**Grades 9 – 12**

In this course, students will be asked to demonstrate knowledge about the physical geography of our planet earth. The concepts will include: 5 themes of geography, the location and development of political boundaries, the location and importance of the world's physical features, geography's impact on humans, and the themes of World History.

**Duration: ½ year**

**Credit Type: Elective**

### **Law and Public Safety**

**AZ15051**

**Grades 9 -12**

This course emphasizes constitutional and practical law while providing opportunities for students to investigate topics such as the history and theory of law enforcement, the legal system including criminal law and juvenile justice. Additionally, this course will allow students to explore careers in law and public safety and exposes them to a variety of pathway options.

**Duration: 1 year**

**Credit Type: Elective**

## PACE Business and Entrepreneurship

These courses may interest students interested in entrepreneurship, business management, or those interested in being better-informed consumers. Marketing is the study of various business functions centered around consumers and products.

### **Marketing**

**AZ12916**

**Grades: 9 – 12**

**Program Fee: \$40(collected at registration)**

Students learn the basics of Marketing as it applies to entertainment, sports, fashion, tourism, and general retail marketing. Students will understand Sales and Marketing as it applies locally, nationally and internationally while exploring the economic impact of these industries; understand the marketing concepts and promotional strategies used to create positive brands and product endorsement, and general retail sales and marketing; designing advertisements, logos, and multi-media promotions for sports teams, tourist destinations, fashion industries and entertainment companies.

**Duration: 1 year**

**Credit Type: Elective**

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**Marketing II****AZ12202****Grades 10 – 11**

This course is a school classroom/lab experience with students working in the DECA Store and gaining advanced marketing information in the classroom. Class activities include a brief overview of marketing functions previously covered. As a part of their co-curricular activities, students can participate in all DECA activities, conferences and competitive events which further prepare them for sales, marketing, management, and leadership in the workplace. Students will create a career portfolio, learn leadership styles for the workplace, practice oral communications, business and financial management, business decisions, practice selling, demonstrate an understanding of customer needs and make product presentations, know and demonstrate how to handle objections, know and demonstrate closing and follow-up activities, create an appealing display, know the elements and role of branding, packaging and labeling, understand how to present product features, and demonstrate satisfactory employability skills.

**Duration: 1 year****Credit Type: Elective****Marketing III****AZ12917****Grades: 11 – 12****Program Fee: \$40(collected at registration)**

This course is an option for those dedicated Marketing students to delve further into specialized Marketing areas such as entertainment, fashion, tourism, and hospitality.

**Duration: 1 year****Credit Type: Elective****Marketing Internship****AZ12918****Grades: 12****Program Fee: \$40(collected at registration)**

This course provides marketing students with an opportunity to engage in learning through participation in structured work experience that can be either paid or unpaid and completed both inside and outside of the school day. The internship requires the application of previously developed Marketing knowledge and skills. DECA state officers fulfilling their leadership responsibilities may be enrolled in this internship. The internship requires the application of skills related to the Technical Standards of the Marketing program.

**Duration: 1 year****Credit Type: Elective**

## PACE Planning Worksheet

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