



Casa Grande Union High School District Course Description Catalog

2017 - 2018

The Mission of CGUHSD is to inspire excellence by providing globally competitive educational opportunities for all students.

**1362 N. Casa Grande Avenue
Casa Grande, AZ 85122**

Contact Information:

Casa Grande Union High School (520) 836-8500
Vista Grande High School..... (520) 876-9400
Desert Winds Learning Center..... (520) 316-3361
District Office (520) 316-3360

CGUHSD Website: www.cguhsd.org

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504 Coordinators

District	Casa Grande Union High School	Vista Grande High School
Sean Casey Director of Student Services 1362 N. Casa Grande Ave. Casa Grande, AZ 85122 (520) 316-3360 x 1111	Cassandra Bennett School Psychologist 2730 N. Trekell Rd. Casa Grande, AZ 85122 (520) 836-8500 x 3568	Natalie Brown School Psychologist 1556 N. Arizola Rd. Casa Grande, AZ 85122 (520) 876-9400 x 4147

Title IX Coordinators

District	Casa Grande Union High School	Vista Grande High School
Steven Sipes CTE Specialist 1362 N. Casa Grande Ave. Casa Grande, AZ 85122 (520) 316-3360 x 1122	Tom Trigalet Principal 2730 N. Trekell Rd Casa Grande, AZ 85122 (520) 836-8500 x 3101	TBD Dean of Students 1556 N. Arizola Rd. Casa Grande, AZ 85122 (520) 876-9400 x 4105
	Desert Winds Learning Center Tim Hamilton Program Coordinator 1362 N. Casa Grande Ave. Casa Grande, AZ 85122 (520) 316-3360 x 5101	

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CGUHSD REQUIRED COURSES

CG, VG District Course Requirements

Curriculum	Required Credits
English	4
Math	4
Science	3
Social Studies	3.5
PE	0.5
Foreign Language	0
Career Exploration/ Freshman Success	1.0
Fine Arts/CTE	1
Electives	5
TOTAL	22

*PE, Geography & Freshman Success are required electives.

ARIZONA UNIVERSITY ADMISSION REQUIREMENTS

Requirements for Admission to AZ Universities



Curriculum	AZ Universities
English	4
Math	4 (Algebra 1 and higher)
Science	3 (lab sciences)
Social Studies	2
PE	0
Foreign Language	2 (same language)
Fine Arts/CTE	1
Electives	0
TOTAL	16

STEM REQUIREMENTS

Curriculum	STEM
English	4
Math	4
Science	3
Social Studies	3
PE	0
Foreign Language	2 (same language)
Fine Arts/CTE	1 (not CTE)
Electives	5
TOTAL	22

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. Either 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.

SAT – 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 \$45.00, \$57.00; with Writing. Registration materials are available in the Guidance Office or registration can be completed online at: www.collegeboard.com. This web site also offers a FREE practice test and a daily practice question. **Fee waivers are available for qualified students-see your counselor.*

ACT – American College Test. The test is divided into four subject areas; English, Mathematics, Reading and Science Reasoning. There is an optional writing test available for those students wishing to showcase their writing skills. The fee for the basic test is \$42.50; and an additional \$16.00 for those who wish to take the writing exam. Registration materials are available in the Guidance Office or registration can be completed online at: www.actstudent.org. **Fee waivers are available for qualified students-see your counselor.*

AIMS – AIMS Science is a Standards-Based Assessment that measures student proficiency of the [Arizona Academic Content Standard in Science](#). It meets federal requirements for student assessment. It is administered in the spring to students in Grades 4, 8, 9, and 10.

AzMERIT – Arizona's Measurement of Educational Readiness to Inform Teaching, is the AzMERIT State Assessment. These exams will be aligned to Arizona's English Language Arts and Mathematics standards. Standards are the expectations of what every child should be able to do at each grade level. Arizona public school students in Grades 3 through high school will take AzMERIT in English Language Arts and Mathematics. Students will test for about 7 hours across multiple days during April. High school students graduating after December 31, 2016 will no longer be required to pass the AIMS test to graduate high school. However, they must pass the Civics Test.

ASVAB – 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 about yourself. This test is voluntary and free for both juniors and seniors.

PSAT – The Guidance Department recommends that college-bound 10th and 11th grade students take the PSAT Test. The top scoring one half of one percent of the 11th 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, 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 \$15.00; 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. **Fee waivers are available for qualified students-see your counselor.*

ACT-Aspire – The Guidance Department recommends that college-bound 10th graders take the ACT / Aspire Test. 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. Each participating student receives a report that identifies academic strengths and weaknesses and helps students explore career interests. The cost to take the test last year was \$31.50 per student.

CogAT – 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 given different times throughout the year at each site. Any student may take the test that has not been tested within the last 12 months.

COMPETENCY TESTING

Upon request of the student, the local governing board shall provide the opportunity for the student to demonstrate competency in the four core content areas of English, Math, Social Studies, and Science, in lieu of classroom time. The student and parent must complete the CTAN form in order to validate the process of competency testing. The student must meet with the Guidance Office to be advised of the competency testing protocol at their school site. The student must gather all required signatures to proceed with the competency testing and follow the testing protocol. The competency test for the desired course will be set according to the testing protocol and the test must be taken at the student's respective school. The student will be allowed four (4) hours to complete the test on their scheduled testing date. If the student is unable to complete the test in four (4) hours, the test will be considered "incomplete". No exceptions or extensions will be granted. The student will not be allowed to retake the same test until the following semester. Once the test is proctored and completed, the test will be graded and the student/parents will receive notification of the final grade of PASS (P) or FAIL. If the grade is passing, the student receives a "P" and will receive the appropriate credit on his or her transcript. If the student receives a failing grade, no notation will be made on the student's transcript. The student must wait until the following semester to retake the same test.

CAC FIRST STEP PROGRAM

CAC First Step Program is a program that gives high school students an opportunity to get an early start into college by taking college courses. Students at the end of their sophomore, junior, and senior years may take up to 5 college hours of credit free of charge in the summer. You must provide your own textbooks and transportation. The Compass (placement) test must be taken but it is part of the First Step orientation. These college courses can count for dual credit. To apply for First Step you need to pick up an application in the Guidance Office after spring break.

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. In order to take these courses, students will need to meet the minimum requirements established by the District and CAC including taking the required Compass test. Please see your guidance counselor for additional information.

ADVANCED PLACEMENT (AP) COURSES

Advanced Placement (AP) Courses are college-level classes, taught at the high school, which requires 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. **Note: Students who take an AP class are expected to take the AP exam.** 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 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.

NCAA CLEARINGHOUSE ELIGIBILITY

Students who desire to participate in the 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.

GRADE CLASSIFICATION

Graduation requirements shall be strictly enforced by year of graduation, NOT by a cohort. Therefore, high school seniors must meet graduation requirements as outlined in State Board of Education Rule (AAC R7-2-302.02, and 302.03). Arizona requirements identified at: http://www.azsos.gov/public_services/Title_07/7-02.htm.

Students registering after the 10th Day of a Semester: If a student registers after the 10th day of a semester and has not attended any school during the past 10 school days, the student may be referred to Desert Winds Learning Center for at least the rest of the semester. It is also important to note that students who wish to drop a CG, CV or VG course after the 10th day of a semester will receive a failing grade for that course and may receive a No Credit (NC) for the replacement course.

SENIOR OFF CAMPUS ELIGIBILITY (NOC)

Seniors who desire to apply to have a shortened school day their senior year must have passed all State tests, maintained a 2.0 GPA and have at least 19 credits at the start of their senior year. Students will be required to have parental permission and be enrolled in classes at their home school for a minimum of 4 classes per semester.

COURSE DESCRIPTIONS

(Alphabetical by content area)



The following is a complete list of courses offered in the District; however, not all classes in this course catalog are offered at each site.

CAREER & TECHNICAL EDUCATION COURSES

Certain CTE courses qualify for dual enrollment, and will allow students to earn both HS and college credit simultaneously. In order 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 Coordinator. Fees will be collected at registration and are non-refundable. If you feel that your child is eligible for a CTE class fee waiver due to economic hardship, please contact the District's CTE Coordinator Steven Sipes ssipes@cquhsd.org or 520-316-3360 ext.1122.

**Some universities may grant fine arts credits for CTE courses. For more information, please see a Guidance Counselor.*

Freshman Success

Freshman Success **AZ22151**
Sites: CG, VG
Grade Levels: 9
Credit: 1 Year – 1 Credit

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.

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 as well as providing opportunities for instruction supported by a flexible learning environment, appropriate technology and support systems. Does not count toward CTE / Fine Art graduation requirement.

Agriscience & FFA

FFA is the Career and Technical Student Organization associated with this program. **All CTE students will be encouraged to complete this four year program.**

Agriscience I **AZ18001**
Site: CG
Grade Levels: 9-10
Program Fee: (Collected at registration)..... \$40
Credit: 1 Year – 1 Credit
Prerequisites: None

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 occupational 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. **Equivalency credit: Successful completion of Agriscience I and II fulfills one lab science credit for high school graduation/university admission.**

Agriscience II **AZ018003**
Sites: CG
Grade Levels: 10-11
Program Fee: (Collected at registration)... \$40
Credit: 1 Year – 1 Credit
Prerequisites: 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. **Equivalency credit: Successful completion of Agriscience I and II fulfills one lab science credit for high school graduation/university admission.**

Agriscience III **AZ18052**
Site: CG
Grade Level: 11-12
Program Fee: *(Collected at registration)*....\$40
Credit: 1 Year – 1 Credit
Prerequisites: *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 maintenance of the school arboretum will also be a part of this course. Planning and conducting a Supervised Agricultural Experience program and membership in the FFA are requirements of this course.

Agriscience IV **AZ18052**
Site: CG, CV
Grade Level:12
Program Fee: *(Collected at registration)*... \$40
Credit: 1 Year – 1 Credit
Prerequisites: *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.

Welding Fundamentals in Agriculture

FFA is the Career and Technical Student Organization associated with this program. **All CTE students will be encouraged to complete this three-year program.**

Welding Fundamentals in Agriculture
AZ18401

Site:CG
Grade Level:10-11
Program Fee: *(Collected at registration)*....\$40
Credit:1 Year – 1 Credit
Prerequisites: *None*

This course prepares individuals to apply basic technical knowledge and skills to join or cut metal surfaces. Students will receive introductory instruction in blueprint reading, SMAW welding, GMAW welding Oxy-Fuel welding and cutting, and laboratory safety. Students are encouraged to participate in the FFA.

Welding Fundamentals in Agriculture II
AZ18401

Site:CG
Grade Level:11-12
Program Fee: *(Collected at registration)*....\$40
Credit:1 Year – 1 Credit
Prerequisites: *Welding Fundamentals in Agriculture*

Welding Fundamentals in Agriculture II is an upper level class that will cover advanced welding, agriculture mechanics and leadership practices. The units of instruction are; safety, project planning and design, advanced SMAW, GMAW and oxy-acetylene welding. Students are encouraged to participate in the FFA.

Welding Fundamentals in Agriculture III
AZ18401

Sites: CG
Grade Levels:12
Program Fee: *(Collected at registration)*....\$40
Credit:1 Year – 1 Credit
Prerequisites: *Welding Fundamentals in Agriculture 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. Students are encouraged to participate in the FFA.

**Automotive Technologies &
Skills USA**

Skills USA is the Career and Technical Student Organization associated with this program. **All CTE students will be encouraged to complete this three-year program.**

Automotive Technology I AZ20001
Site: CG
Grade Levels: 10-11
Program Fee: (Collected at registration)....\$40
Credit: 1 Year - 1 Credit
Prerequisites: None

This class provides the student with the basic knowledge and understanding of the automotive 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 at all times in the shop. Students are encouraged to participate in Skills USA.

Automotive Technology II AZ20104
Site: CG
Grade Levels: 11-12
Program Fee: (Collected at registration)....\$40
Credit: 1 Year - 1 Credit
Prerequisites: Automotive Technology I

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

Automotive Technology II AZ20106
Site: CG
Grade Level:12
Program Fee: (Collected at registration)....\$40
Credit: 1 Year - 1 Credit
Prerequisites: Automotive Technology 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 at all times in the shop. Students are encouraged to participate in Skills USA.

**Construction Technologies &
Skills USA**

Skills USA is the Career and Technical Student Organization associated with this program. **All CTE students will be encouraged to complete this three-year program.**

Construction Technology I AZ217002
Sites: CG
Grade Levels: 9-10
Program Fee: (Collected at registration).... \$40
Credit: 1 Year - 1 Credit
Prerequisites: None

As an introduction to woodworking hand tools and power machinery, this is a single hour one year class. The focus of instruction is to allow students to investigate careers associated with construction and familiarize them with the tools of the trades. Several hands-on woodworking and construction projects will be assigned throughout the year. Students will earn OSHA 10 safety cards and NCCER Core Curriculum qualifications upon successful completion of curriculum requirements.

Construction Technology II AZ217003
Sites: CG
Grade Levels: 10-11
Program Fee: (Collected at registration).... \$40
Credit: 1 Year - 1 Credit
Prerequisites: Construction Technology I

For the second-year construction student who has the 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.

Construction Tech III Intern AZ217049
Site: CG
Grade Level:12
Program Fee: *(Collected at registration)*....\$40
Credit: 1 Year - 1 Credit
Prerequisites: Construction Technology II
Student must be 16 years old.

For the student who has become skilled and crafty, this course provides off campus experience and is activity based. Each day we meet at the classroom and then go to the job site where you perform the job at hand. You are required to create job estimates and provide quality service to the members of 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 qualifications upon successful completion of curriculum requirements. NCCER Construction Technology credentials will be issued upon successful completion of NCCER requirements. **Equivalency credit: Successful completion of Construction Technology III fulfills one CTE credit and one math Credit (Algebra II or higher) for high school graduation/university admission.**

Culinary Arts & FCCLA

FCCLA is the Career and Technical Student Organization associated with this program. **All CTE students will be encouraged to complete this three-year program.**

Culinary Arts I AZ16054
Sites: CG, VG
Grade Levels: 10-11
Program Fee: *(Collected at registration)*....\$40
Credit: 1 Year – 1 Credit
Prerequisites: *None*

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.

Culinary Arts II AZ16056
Sites:CG, VG
Grade Levels: 11-12
Program Fee: *(Collected at registration)*.... \$40
Credit: 1 Year – 1 Credit
Prerequisites: *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 be able to 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.

Culinary Arts III Intern AZ16099
Sites:CG, VG
Grade Level: 12
Program Fee: *(Collected at registration)*.... \$40
Credit: 1 Year – 1 Credit
Prerequisites: *Culinary Arts II.*
Student must be 16 years old.

This course utilizes a cooperative education methodology to combine school-based and supervised work-based learning experiences directly related to the standards identified for the Culinary Arts Program.

Early Childhood Program & FCCLA

FCCLA is the Career and Technical Student Organization associated with this program. **All CTE students will be encouraged to complete this three-year program.**

Early Childhood Education I AZ19052
Sites:CG, VG
Grade Levels: 10-11
Program Fee: *(Collected at registration)*... \$40
Credit: 1 Year – 1 Credit
Prerequisites: *None*

This is the introductory course for the Early Childhood Education Program. First semester the students will study the different stages of child development, from conception to age 5. Students will receive certification in Basic First Aid and Pediatric and Adult Basic Life Support as well as 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 the students to participate and work in the preschool, which is located on campus. Students will pick a child to observe and create a final report.

Early Childhood Education II AZ19153
Sites: CG, VG
Grade Levels: 11-12
Program Fee: *(Collected at registration)*....\$40
Credit: 1 Year – 1 Credit
Prerequisites: Early Childhood Education 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 go on many field trips with the preschoolers and continue to work in the Preschool.

Early Childhood Education III Internship (Preschool Manager) AZ19171
Sites: CG, VG
Grade Level:12
Program Fee: *(Collected at registration)*....\$40
Credit: 1 Year – 1 Credit
Prerequisites: Early Childhood Education II. Student must be at least 16 years 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. Teacher Approval is required.

Engineering Sciences Program & Skills USA

Skills USA is the Career and Technical Student Organization associated with this program. **All CTE students will be encouraged to complete this three-year program.**

Engineering Sciences I AZ21001
Site: CG-STEM
Grade Level:10
Program Fee: *(Collected at registration)* ... \$40
Credit: 1 Year – 1 Credit
Prerequisites: Computer Aided Design & Fundamentals of Fabrication

This course will teach the basics of engineering problem solving, engineering problem solving tools, technical communications, and the engineering profession. Additionally, students will be presented a series of design challenges to which they will apply the engineering design process and engineering analysis techniques in order to implement practical solutions.

Engineering Sciences II AZ21002
Site: CG-STEM
Grade Levels: 11
Program Fee: *(Collected at registration)*... \$40
Credit: 1 Year – 1 Credit
Prerequisites: Engineering Sciences I

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. Topics include DC and AC electronics, semiconductor devices, and digital circuits. Students learn the basics of hardware design languages as well as designing and implementing microcontroller-based projects.

Engineering Sciences III AZ21003
Site:CG-STEM
Grade Levels.....11-12
Program Fee: *(Collected at registration)*... \$40
Credit: 1 Year – 1 Credit
Prerequisites: Engineering Sciences II

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 product. Students will apply concepts of math and science, and problem solving skills to different systems using input, process, output and feedback. Students will further demonstrate fundamentals of engineering and mechanics using scientific principles from materials to construct a project with consideration to manufacturability, environmental factors, economics, and safety. This course is modeled to university criterion covering engineering theory through a hands-on approach.

Computer Aided Design AZ21107
Site:.....CG-STEM
Grade Level:.....9
Program Fee: No Fee
Credit:..... 1 semester- ½ credit
Prerequisites: Acceptance into the CG-STEM Program

This is an introductory course in computer aided drafting computer technology for creation and documentation of 2D drawings and 3D models. Students will be introduced to the computer-aided drafting systems available in the industry.

**Students enrolled in this course will automatically be enrolled in the Fundamentals of Fabrication course second semester.*

Fundamentals of Fabrication AZ21007**Site:** CG STEM**Grade Level:**9**Program Fee:** No fee**Credit:** 1 semester- ½ credit**Prerequisites:** *Computer-Aided Design*

Students enrolled in this course will receive instruction in basic fabrication skills in order to safely and accurately create prototypes. Concepts and skills will focus on shop safety, safe tool use, measurement, field sketching, basic tool use, material removal and joining techniques, and additive fabrication processes. This course also provides an overview of modern manufacturing processes. This course will include a student capstone project.

Special Topics in STEM AZ22106**Site:** CG-STEM**Grade Levels:** 11-12**Program Fee:** *(Collected at registration)*.... \$40**Credit:** 1 Year – 1 Credit**Prerequisites:** *Biotechnology II or Engineering Sciences II*

This course enables students to explore a topic of interest related to STEM disciplines, apply research principles, develop and test solutions, and document primary research. Working under the guidance of a faculty advisor, the students will write a formal thesis and defend their research project before a committee. This course serves as an opportunity for students to expand their expertise in a focused specialization, to explore a topic in greater detail, and to develop more advanced research skills. This independent study course is open to juniors and seniors in the STEM program.

Introduction to Biotechnology AZ03202**Site:** CG-STEM**Grade Level:**9**Program Fee:** *(Collected at registration)* ... \$40**Credit:** 1 Year – 1 Credit**Prerequisites:** *Acceptance into the CG STEM Program****Open to CGUHS students not enrolled in the STEM Program**

The biotechnology program prepares individuals to apply scientific principles and technical skills in support of biologists and biotechnologists in research, industrial, and government settings. 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.

Biotechnology Science II AZ14251**Site:** CG-STEM**Grade Level:** 10**Program Fee:** *(Collected at registration)* .. \$40**Credit:** 1 Year – 1 Credit**Prerequisites:** *Honors Biology or Biology with a minimum grade of a B, or Introduction to Biology.****Open to CGUHS students not enrolled in the STEM Program**

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. Student will learn and utilize leadership skills and job seeking skills.

Biotechnology Science III AZ14252**Sites:** CG-STEM**Grade Level:** 11**Program Fee:** *(Collected at registration)* .. \$40**Credit:** 1 Year – 1 Credit**Prerequisites:** *Biotech Science II*

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 study protein purification, protein assay, biosynthesis, and genetic technology. Students will learn and utilize leadership and job seeking skills.

Biotechnology Science IV AZ14272**Sites:** CG-STEM**Grade Levels:** 12**Program Fee:** *(Collected at registration)* .. \$40**Credit:** 1 Year – 1 Credit**Prerequisites:** *Introduction to Biotechnology, Biotechnology II, Biotechnology III*

This biotechnology program prepares individuals to apply scientific principles and technical skills in support of biologists and biotechnologists in research, industrial, and government settings. Students will be utilizing skills learned in the biotechnology program to design and conduct a research experiment that will be credible to those in the biotechnology industry.

Marketing, Management & Entrepreneurship & DECA

DECA is the Career and Technical Student Organization associated with this program. **All CTE students will be encouraged to complete this two-year program.**

Marketing I AZ12164
Sites:CG, VG
Grade Levels: 10-11
Program Fee: *(Collected at registration)*.....\$40
Credit: 1 Year – 1 Credit
Prerequisites: None

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 endorsements; researching careers and employment opportunities in the world of entertainment, sports, tourism, fashion and general retail sales and marketing; designing advertisements, logos, and multi-media promotions for sports teams, tourist destinations, fashion industries and entertainment companies.

Marketing II AZ12202
Sites:CG, VG
Grade levels: 10-12
Program Fee: *(Collected at registration)*.... \$40
Credit:1 year – 1 Credit
Prerequisites: Marketing I

This course is a school classroom/lab experience with students working in the DECA Store as well as gaining advanced marketing information in the classroom. Class activities include a brief overview of marketing 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 work place. 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 customers, understand and apply the sales process, determine 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.

Marketing III Internship AZ12199
Sites:CG, VG
Grade Levels: 12
Program Fee: *(Collected at registration)*.... \$40
Credit: 1 Year – 1 Credit
Prerequisites: Marketing I & II
***Student must be at least 16 years old**

This course provides marketing students with an opportunity to engage in learning through participation in a structured work experience that can be either paid or unpaid and does not necessarily require classroom instruction that involved the application of previously developed marketing knowledge and skills. However, the internship does require applications directly related to the Technical Standards of the Marketing and Management and Entrepreneurship program.

**Performing Arts and Entertainment
Industry & Skills USA**

Skills USA is the Career and Technical Student Organization associated with this program. Performing Arts and Entertainment Industry students are also encouraged to be active members of the Arizona State Thespians. **All CTE students will be encouraged to complete this three-year program.**

Technical Theatre I **AZ05060**
Site: VG
Grade Levels: 10-11
Program Fee: (Collected at registration).....\$40
Credit: 1 Year – 1 Credit
Prerequisites: None

This course prepares students to apply knowledge and skills to artistic, technical, and dramatic principles to communicate through theatrical methods. This 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.

Technical Theatre II **AZ205061**
Site: VG
Grade Levels: 10-12
Program Fee: (Collected at registration) \$40
Credit: 1 Year – 1 Credit
Prerequisites: Technical Theatre I

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

Technical Theatre **III**
Internship.....AZ205065
Sites: VG
Grade Levels: 10-12
Program Fee: (Collected at registration) \$40
Credit: 1 Year – 1 Credit
Prerequisites: Technical Theatre II

This course provides students an opportunity to apply previously developed knowledge and skill into a structured work experience that can be either paid or unpaid and that involves the application of previously developed Performing Arts and Entertainment Industry knowledge and skills.

ENGLISH SEQUENCE / COURSES

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 English 12 Options. Students may elect to take a semester of Mythology, Folklore & Fantasy along with a semester of Novel & Short Story for their junior or senior option. All senior options meet the requirements for a 4th year English course as outlined by ADE, the Arizona College and Career Standards, and university requirements.

Year	Option 1	Option 2 (Honors)	Option 3 (ESS or GATE)
Freshman	English 9 <i>(focus: survey of literature and communication skills)</i>	Honors English 9 <i>(focus: advanced survey of literature and communication skills)</i>	Equivalent Courses <i>(Individualized plan for ESS or GATE students to be developed by a student study team comprised of the following: case manager, GATE Coordinator, content area teachers, parents, site administration, Director of ESS and Director of Curriculum)</i>
Sophomore	English 10 <i>(focus: composition & World Literature)</i>	Honors English 10 <i>(focus: advanced composition & World Literature)</i>	
Junior	<i>Choose from:</i> <ul style="list-style-type: none"> • English 11 <i>(focus: American Literature)</i> • Mythology, Folklore & Fantasy; Novel & Short Story <i>(1/2 credit each)</i> 	AP Language & Composition <i>(focus: Introductory college-level rhetoric and writing curriculum)</i>	
Senior	<i>Choose from:</i> <ul style="list-style-type: none"> • English 12 (British Literature) • Senior English College Transition • College English Composition III-IV (CAC dual credit) • Mythology, Folklore & Fantasy; Novel & Short Story <i>(1/2 credit each)</i> 	<i>Choose from:</i> <ul style="list-style-type: none"> • AP Literature & Composition <i>(focus: Introductory college-level literary analysis course)</i> • College English Composition III-IV (CAC dual credit) 	

ENGLISH COURSES

English 9



Sites: CG, VG
Grade Level:9
Credit: 1 Year – 1 Credit
Prerequisites: *None*

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. The course meets all the requirements in the Common Core Standards for a Freshman English Course.

English Honors 9



Sites: CG, VG
Grade Level: 9
Credit: 1 Year – 1 Credit
Prerequisites: *Placement based on District Reading/Writing Assessment*

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. **This class earns weighted credit.**

English 10



Sites: CG, VG
Grade Level:10
Credit: 1 Year – 1 Credit
Prerequisites: *English 9 or equivalent*

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 prepares students to achieve proficiency on the State tests.

English Honors 10



Sites: CG, VG
Grade Level: 10
Credit: 1 Year – 1 Credit
Prerequisites: *English 9 or equivalent*

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 this class are that they be motivated, focused and diligent in completing class assignments. **This class earns weighted credit.**

English 11



Sites: CG, VG
Grade Level: 11
Credit: 1 Year – 1 Credit
Prerequisites: *English 10 or equivalent*


English 11 includes the study of American Literature and writing skills. Rhetoric, usage, and vocabulary building are also practiced. A research project will be completed. This project is required for a passing grade for the first semester.

English 12



Sites: CG, VG
Grade Level: 12
Credit: 1 Year – 1 Credit
Prerequisites: *English 11 or equivalent*

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.

English AP Lang & Comp  **AZ01005****Sites:** **CG, VG****Grade Level:** **11****Credit:** **1 Year – 1 Credit****Prerequisites:** *English 10 or equivalent*

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.****AP Exam fees – deposit due at registration.**

Myth, Folklore & Fantasy  **AZ01062****Sites:** **CG, VG****Grade Levels:** **11-12****Credit:** **1 Semester – ½ Credit****Prerequisites:** *English 10 or equivalent*


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 student the opportunity to create their own mythology and poetry. This class meets all of the requirements for a senior level English course and the Common Core Standards.

Senior English College Transition**Course: Finding your Voice** **AZ01102****Site:** **CG****Grade Level:** **12****Credit:** **1 Year – 1 Credit****Prerequisites:** *English 11 or equivalent*

This course is comprised of modules primarily developed to address the needs of students making the senior transition from high school to the entry college-level English class. The course centers on the student developing his/her voice in written and spoken expression, through analyzing rhetorical text and practicing rhetorical writing and speaking. Students will utilize a Writer's Notebook to build a writing portfolio as a reference resource. Students also study and apply the components of effective research strategies, and produce a culminating "Senior Project", which they will present to an audience in the community.

Novel & Short Story  **AZ01061****Sites :** **CG, VG****Grade Levels:** **11-12****Credit:** **1 Semester – ½ Credit****Prerequisites:** *English 10 or equivalent*

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 class meets all the requirements for a senior level English course and the Common Core Standards.

AP Lit & Comp.  **AZ01006****Sites :** **CG, VG****Grade Level:** **12****Credit:** **1 Year – 1 Credit****Prerequisites:** *English 11 or equivalent*

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. **This class earns weighted credit.**

****AP Exam fees – deposit due at registration.**

Read 180**AZ01068****Sites:** **CG, VG****Grade Levels:** **9-12****Credit:** **1 Year – 1 credit****Prerequisites:** *Placement based on District***Assessment scores**

READ 180 is a program designed to improve reading skills. The class may meet for a block (two hour) period. The class incorporates comprehension, vocabulary, spelling, grammar, and fluency practice. Students will use computer software daily to practice skills at their individual levels, participate in whole and small group instruction and read independently. The goal is to intervene and remediate existing reading deficits and prepare students for successful completion of secondary-level academic work.

Second Chance Read (SCR) AZ01067
Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year – 1 Credit
Prerequisites: *Placement based on District Assessment Scores.*

Second Chance Reading (SCR) is a course designed to accelerate the reading and comprehension rates for both fiction and non-fiction text; emphasis is on comprehension and vocabulary skills. This course is specifically for students reading one-three years below grade level

FINE ARTS COURSES

Courses with an “✳” in front of the title are accepted by universities for their Fine Arts requirement.

Dance

All dance classes may be applied to Fine Arts credit for all students or a semester of PE credit for students.

✳ Dance I (Beginning) AZ05001
Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year – 1 Credit
Prerequisites: *None*

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.

✳ Dance II (Intermediate) AZ05001
Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year – 1 Credit
(Course may be repeated for credit)
Prerequisites: *Beginning Dance I (full year) or permission from instructor*

This intermediate course is for students with a minor understanding and comprehension for 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.

✳ Dance III (Advanced) AZ05001
Sites: CG, VG
Grade Levels: 11-12
Credit: 1 Year – 1 Credit
(Course may be repeated for credit)
Prerequisites: *Dance I & Dance II or permission from instructor*

This is an advanced course for students with a well-rounded understanding and comprehension for 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.

✳ Dance IV (Elite Company) AZ05002
Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year – 1 Credit
(course may be repeated for credit)
Prerequisites: *Audition or permission from instructor*

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.

Drama

✂ Drama I AZ05053

Sites: CG, VG

Grade Levels: 9-12

Credit: 1 Year – 1 Credit

(Course may be repeated for credit)

Prerequisites: None

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.

✂ Drama II AZ05053

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Year – 1 Credit

(Course may be repeated for credit)

Prerequisites: Drama I

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

✂ Stage Production AZ05056

Sites: CG, VG

Grade Levels: 9-12

Credit: 1 Year – 1 Credit

(this course may be repeated for credit)

Prerequisites: None

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.

Instrumental Music

Color Guard AZ05103

Sites: CG, VG

Grade Levels: 9-12

Credit: 1 Year – 1 Credit

(Course may be repeated for credit)

Rehearsals – T/TH Evenings

Prerequisites: None

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 and perform an indoor show and compete across the state of Arizona. There is a band camp before school starts. **A physical is needed for this activity.** Please contact the band instructor for information. This is a performance-based class for a grade. Grades will be taken in and outside of regular class time.

The first semester of this class may be applied to a semester of PE credit for students. This course does not fulfill university Fine Arts requirements.

✂ Intro to Instrumental Music AZ0510

Sites: VG

Grade Levels: 9-12

Credit: 1 Semester – ½ Credit

(Course may be repeated for credit)

Prerequisites: None

This class is designed for the student who is interested in learning to play an instrument or who already plays an instrument but would like to learn to play another one. Beginning, intermediate and advanced instrumental students will have the opportunity to expand their musical knowledge on an individual basis. Students are responsible for obtaining their own instrument for this class as the school's supply of instruments is limited. Students who already know how to read music will be allowed to work independently in this class.

✂ Freshman Band AZ0500

Sites: CG

Grade Level: 9

Credit: 1 Year – 1 Credit

Rehearsals – T/TH Evenings

Prerequisites: None

Honors credit may be available for this course. Please see the instructor for specific criteria.

The Freshman Band is for the developing instrumentalist 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 of its activities (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, 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 1-2). 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 Arts credit for all students or a semester of PE credit for students.*

✘ Marching Band **AZ05103****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Semester (Fall) – 1/2 Credit*(Course may be repeated for credit)***Rehearsals – T/TH Evenings****Prerequisites: 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 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 a grade. 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.*

✘ Beginning Percussion **AZ05106****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year – 1 Credit

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

✘ Percussion **AZ05106****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year – 1 Credit**Rehearsals: T/Th Evenings****Prerequisites: None**

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 game 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. There is a band camp before school starts. A physical is needed for this activity. This is a performance based class for a grade. 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.*

✘ Symphonic Band **AZ05102****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Semester (spring) – 1/2 Credit*(Course may be repeated for credit)***Prerequisites: Previous band experience****Honors credit is available for this course. Please see the instructor for specific criteria.**

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.

✘ AP Music Theory **AZ05114****Sites:** CG**Grade Levels:** 11-12**Credit:** 1 Year – 1 Credit**Prerequisites: Participation in a performing art and 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.

Visual Arts

✘ Art I **AZ05154****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year – 1 Credit**Prerequisites: None**

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.

✦ Art II **AZ05154****Sites:** CG, VG**Grade Levels:** 10-12**Credit:** 1 Year – 1 Credit*(Course may be repeated for credit)***Prerequisites:** Art I

A course designed for continuing art students. Students will expand their artistic skills with various media, explore new techniques, and gain experience in personal artistic expression. Experience in competition may be available.

✦ Art III **AZ05154****Sites:** CG**Grade Levels:** 11-12**Credit:** 1 Year – 1 Credit*(Course may be repeated for credit)***Prerequisites:** Art II

Art 5-6 is a course designed for advanced art students. Students will expand their artistic skills with various media, explore new techniques, and gain experience in personal artistic expression. Experience in competition will be available.

✦ AP Studio Art**AZ05172****Sites:** CG**Grade Levels:** 10-12**Credit:** 1 Year – 1 Credit**Prerequisites:** Art I

AP Studio Art Portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio art program consists of three possible portfolios: 2-D design, 3-D design, and drawing – corresponding to the most common college foundation courses. This class earns weighted credit.

Vocal Music

✦ Chorus I **AZ055110****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year – 1 Credit*(Course may be repeated for credit)***Prerequisites:** None

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, as well as vocal techniques necessary for quality, healthful singing. Required performances include Winter and Spring concerts and other performances (on or off campus) as scheduled.

✦ Chorus II **AZ05112****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year – 1 Credit*(Course may be repeated for credit)***Prerequisites:** 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, and ear training, as well as 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.

MARINE CORPS JUNIOR RESERVE (JROTC)

The Marine JROTC curriculum covers diverse areas to 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, team work 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 "first-hand" 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. **Equivalency credit: Successful completion of JROTC Leadership I fulfills one PE credit for high school graduation from CGUHSD.**

JROTC Leadership I **AZ09201**
Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year - 1 Credit
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 a period of 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.

JROTC Leadership II **AZ09202**
Sites: CG, VG
Grade Levels: 10-12
Credit: 1 Year - 1 Credit
Prerequisites: *JROTC I*

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

JROTC Leadership III **AZ09203**
Sites: CG, VG
Grade Levels: 11-12
Credit: 1 Year - 1 Credit
Prerequisites: *JROTC II and Approval by SM Instructor*

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

JROTC Leadership IV **AZ09204**
Sites: CG, VG
Grade Levels: 12
Credit: 1 Year - 1 Credit
Prerequisites: *JROTC III and Approval by SM Instructor*

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

MATH SEQUENCE & COURSES

Credits Required for Graduation: **4 credits**

Credits Required for University: **4 credits**

Description:

Students must complete 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 I, 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 criterion such as, but not limited to, 8th grade course completion AzMERIT, Galileo, District Math Placement Test, and teacher recommendation.

Year	Option 1	Option 2	Option 3 (Honors)	Option 4 (Honors)
Freshman	Algebra 1A-Alg I S1	Algebra I	Honors Algebra I Honors Geometry Geometry	Honors Geometry
Sophomore	Algebra 1B-Alg I S2 Geometry Algebra 1	Geometry	Honors Geometry	Honors Algebra II
Junior	Algebra II	Algebra II	Honors Algebra II	Honors Algebra III (See your counselor about possible CAC math courses)
Senior	<i>Choose from:</i> <ul style="list-style-type: none"> • Algebra III • Honors Algebra III • AP Statistics • AP Computer Science Principles • Income Management 			<i>Choose from:</i> <ul style="list-style-type: none"> • AP Calculus A-B • AP Statistics • AP Computer Science Principles • Income Management

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

MATHEMATICS COURSES

Algebra IA-Alg I S1

 **AZ02053**

Sites: CG, VG
Grade Level:9
Credit: 1 Year – ½ Elective Credit (1st semester) & ½ Math Credit (2nd semester)
Prerequisites: Placement based on District Placement criterion

This is an alternative to the regular Algebra 1 course. Students will take **2 semesters** to complete the concepts of Algebra I semester 1 as well as increase their overall basic math skills. Mathematical concepts to be studied are properties of real numbers, solving linear equations and inequalities, graphing linear equations and inequalities and writing linear equations and inequalities. Problem solving will also be an integral part of the course.

Algebra IB-Alg I S2

 **AZ02054**

Sites: CG, VG
Grade Level:10
Credit: 1 Year – ½ Elective Credit (1st semester) & ½ Math Credit (2nd semester)
Prerequisites: Placement based on District Placement Criterion

This is an alternative to the regular Algebra 1 course. Students will take **2 semesters** to complete the concepts of second semester Algebra I. Mathematical concepts to be studied are writing and graphing equations and inequalities, polynomials, quadratic equations, and factoring. Students will also work on improving their skills in problem solving, as well as basic mathematics.

Algebra I

 **AZ02052**

Sites: CG, VG
Grade Level:9
Credit: 1 Year – 1 Credit
Prerequisites: Placement based on District Placement Criterion

The Students study of 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.

Honors Algebra I

 **AZ02052**

Site: VG
Grade Level: 9
Credit: 1 Year – 1 Credit
Prerequisites: Placement based on the district placement criterion

Students must be proficient in operations with integers, fractions and decimals to be considered for this course. Topics covered will be similar to those in Algebra.I, 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. **This class earns weighted credit.**

Geometry

 **AZ02072**

Sites: CG, VG
Grade Levels: 10-11
Credit: 1 Year – 1 Credit
Prerequisites: Algebra IA-IB or Algebra 1

Students use geometric methods, properties and relationships as a means 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.

Honors Geometry

 **AZ02072**

Sites: CG, VG
Grade Levels: 9-10
Credit: 1 Year - 1 Credit
Prerequisites: Placement based on District Placement Criterion

Honors Geometry covers the same topics as Geometry, but in greater depth. In addition, students study the theory that leads to the topics presented. Proofs are included in the curriculum. **This class earns weighted credit.**

Algebra II

 **AZ00256**

Sites: CG, VG
Grade Levels: 10-12
Credit: 1 Year – 1 Credit
Prerequisites: Geometry or equivalent

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.

Honors Algebra II

 **AZ02056**

Sites: CG, VG

Grade Levels: 10-11

Credit: 1 Year - 1 Credit

Prerequisites: Pre-AP 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. **This class earns weighted credit.**

Algebra III

 **AZ02057**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year – 1 Credit

Prerequisites: Algebra II

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

Honors Algebra III

 **AZ02057**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 year – 1 Credit

Prerequisites: Algebra II or equivalent

Accelerated algebra that includes the topics; equations, functions, transformations, linear and quadratic functions, and inequalities, systems of linear equations and inequalities, exponential and logarithmic functions, polynomials, rational functions, sequences and series. **This class earns weighted credit.**

AP Statistics

 **AZ02203**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year - 1 Credit

Prerequisites: Algebra II

The Advanced Placement course in Statistics consists of a full High School academic year of work that is comparable to statistics courses in colleges and universities. The AP course in statistics will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. **This class earns weighted credit.**

Income Management

AZ02154

Sites: CG, VG

Grade Level: 12

Credit: 1 Year – 1 Credit

Prerequisites: Algebra II or equivalent

In this course, students will develop fluency with mathematical reasoning for personal finance. Students will become fluent with Excel spreadsheets to work with computation and simulation of the mathematical concepts. Concepts covered include: investigating properties of exponential functions, developing skills in manipulating exponential expressions, solving problems and investigating financial applications involving compound interest and annuities, and applying mathematics in informed decisions about personal finances, consumer options, and investments. This course meets the rigor and requirements of a senior-level math course as identified in the Common Core Standards.

AP Calculus AB

 **AZ02124**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year - 1 Credit

Prerequisites: Trigonometry or Algebra III

Explore the key concepts, methods, and applications of single-variable calculus including all topics covered in AP Calculus AB (functions, graphs, 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.**

AP Calculus B-C**AZ02125****Sites:** CG, VG**Grade Levels:** 11-12**Credit:** 1 Year - 1 Credit**Prerequisites:** AP Calculus A-B

The Advanced Placement course in Calculus consists of a full high school academic year of work that is comparable to calculus courses in colleges 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 and 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.**

AP Computer Science Prin. AZ10157**Sites:** CG, VG**Grade Levels:** 10-12**Credit:** 1 Year – 1 Credit**Prerequisites:** *Successful completion of first year algebra and Geometry*

AP Computer Science Principles introduces students to the foundational concepts of computer science. The course is a broad-based introduction to key concepts and principles of computer science. Students will explore seven big ideas of computing: creativity, abstraction, data, algorithms, programming, the Internet, and impact of computing. The course is based on the UC Berkeley's CS10.

This class earns weighted credit.

MISCELLANEOUS ELECTIVES

Film Studies **AZ05201**

Site: **VG**
Grade Levels: **10-12**
Credit: **1 Semester – ½ Credit**
Prerequisites: *None*

Film Studies course explores self-expression by utilizing movies as visual narratives. Students analyze and study all of 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 particular 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.

Teacher Aide Frosh Success **AZ22995**

Sites: **CG, VG**
Grade Level: **11, 12**
Credit: **1 Semester – ½ Credit**
Prerequisites: *None*

Aides perform various classroom aide tasks, but also serve as student tutors and mentors for Freshmen students in Freshmen Success. Student must be classified as a senior. Students may not enroll as a Teacher/Office Aide for more than one class period per semester.

Teacher/Office Aide **AZ22995**

Sites: **CG, VG**
Grade Level: **12**
Credit: **1 Semester – ½ Credit**
Prerequisites: *None*

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

Yearbook I-S1 **AZ11101**

Sites: **CG, VG**
Grade Levels: **9-12**
Credit: **1 Semester – ½ Credit**
(Course may be repeated for credit)
Prerequisites: *None*

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.**

Yearbook I-S2 **AZ11101**

Sites: **CG, VG**
Grade Levels: **9-12**
Credit: **1 Semester – ½ Credit**
Prerequisites: *None*

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.**

Yearbook II **AZ11101**

Sites: **CG, VG**
Grade Levels: **10-12**
Credit: **1 Year – 1 Credit**
(Course may be repeated for credit)
Prerequisites: *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.**

PHYSICAL EDUCATION & HEALTH COURSES

Boys PE **AZ08001**

Site: VG
Grade Level: 9-10
Credit: 1 Semester – ½ Credit
Prerequisites: *None*

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.

Girls PE **AZ08001**

Site: VG
Grade Levels: 9-10
Credit: 1 Semester – ½ Credit
Prerequisites: *None*

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.

PE *Coed **AZ08001**

Sites: CG
Grade Level: 9-10
Credit: 1 Semester – ½ Credit
Prerequisites: *None*

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.

Frosh Football Conditioning **AZ08013**

Site: CG
Grade Level: 9
Credit: 1 Semester – ½ Credit
Prerequisites: *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. 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. Approval for enrollment must be obtained from the varsity head coach prior to registration. Mandatory dressing out.

Basketball *Coed **AZ08002**

Site: CG
Grade Levels: 10-12
Credit: 1 Semester – ½ Credit
(Course may be repeated for credit)
Prerequisites: *Boys/Girls PE or Coach's 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 main focus of the class will be on tournament 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.

Cardio Fitness *Coed **AZ08003**

Site: VG
Grade Levels: 10-12
Credit: 1 Semester – ½ Credit
(Course may be repeated for credit)
Prerequisites: *Boys/Girls PE or equivalent*

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.

they help us move effectively, perform efficiently and look great is included in this course as well. Mandatory dressing out.

Lifetime Sports *Coed AZ08004

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Semester – ½ Credit

(Course may be repeated for credit)

Prerequisites: Boys/Girls PE or equivalent

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 the strategy, terminology, etiquette and safety in this class for each student. Mandatory dressing out.

Net Sports *Coed AZ08002

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Semester – ½ Credit

(Course may be repeated for credit)

Prerequisites: Boys/Girls PE or equivalent

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.

Personal Fitness AZ08016

Site: CG

Grade Levels: 9-12

Credit: 1 Semester – ½ Credit

Prerequisites: None

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

Weight Training *Coed AZ08009

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Semester – ½ Credit

(Course may be repeated for credit)

Prerequisites: Boys/Girls PE or equivalent

The purpose of this course is to give students a foundation of information in regard to weight training. Students will learn to create programs using knowledge of muscle groups and proper lifting techniques to develop strength. Mandatory dressing out.

Adv. Football Conditioning AZ08009

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Year – 1 Credit

(Course may be repeated for credit)

Prerequisites: 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. Approval for enrollment must be obtained from the varsity head coach prior to registration. Mandatory dressing out.

Athletic Training AZ14062

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Year – 1 Credit

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.

SCIENCE SEQUENCE & COURSES

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, and ALL SCIENCE COURSES OFFERED IN THE DISTRICT, **EXCEPT LIFE SCIENCE**, ARE LAB SCIENCES. Students may choose to take an additional 4th year of science in place of elective courses.

Year	Option 1	Option 2	Option 3 (Honors)	Option 4 (ESS or GATE)
Freshman	Life Science	Biology	Honors Biology	Equivalent Courses <i>(Individualized plan for ESS or GATE students to be developed by a student study team comprised of the following: case manager, GATE Coordinator, content area teachers, parents, site administration, Director of ESS and Director of Curriculum)</i>
Sophomore	Earth Science	Chemistry	Honors Chemistry	
Junior	Choose from:	Choose from:	Choose from:	
Senior (optional)	Earth Science Biology Chemistry Physics Forensic Science Anatomy & Physiology *CTE Agriscience 1 - 2	Chemistry Physics Forensics Anatomy & Physiology *CTE Agriscience 1-2	AP Biology AP Chemistry AP Physics AP Environmental Science	

*** Equivalency credit: Successful completion of Agriscience Education 1 and 2 fulfills one lab science credit for high school graduation/university admission. See CTE course descriptions for more information on this.**

SCIENCE COURSES

Life Science

 **AZ03062**

Sites: VG

Grade Level:9

Credit: 1 Year – 1 Credit

Prerequisites: Placement based on reading level

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, natural selection, populations and biodiversity. This course is structured to provide support in vocabulary development, reading comprehension, and the writing of lab reports. Students in this course learn about biological principles while strengthening their language art skills.

Honors Biology

 **AZ03052**

Sites: CG, VG

Grade Level:9

Credit: 1 Year – 1 Credit

Prerequisites: Algebra I, District Placement Scores

Honors Biology is a course that helps students prepare for AP Biology and other AP Science Courses and also 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 the analytical skills to be successful in college level science classes and in their future careers. **This class earns weighted credit.**

Biology

 **AZ03051**

Sites: CG, VG

Grade Level:9

Credit: 1 Year – 1 Credit

Prerequisites: 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 lecture, visuals and structured laboratory exercises which demonstrate the dynamics of living things.

AP Biology

 **AZ03056**

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Year – 1 Credit

Prerequisites: Pre-AP Biology or equivalent

AP Biology is a course that helps students prepare for the AP Biology test and also 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 the analytical skills to be successful in college level-science classes and in their future careers. Students have the opportunity to take the Advanced Placement test in the spring to earn college credit. **This class earns weighted credit.**

Earth Science

 **AZ03001**

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Year – 1 Credit

Prerequisites: Placement based on reading level

Earth Science is a course that 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.

Chemistry

 **AZ03101**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year – 1 Credit

Prerequisites: Biology recommended

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 a combination of 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.

Honors Chemistry

 **AZ023132**

Sites: CG, VG

Grade Level:10

Credit: 1 Year – 1 Credit

Prerequisites: *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 emphasized. Lab experiences in the course are typical of first-year-college general chemistry courses and focus on quantitative aspects of chemistry. **This class earns weighted credit.**

AP Chemistry

 **AZ03106**

Sites: CG, VG

Grade Levels:11, 12

Credit:1 Year – 1 Credit

Prerequisites: *Pre-AP Chemistry or equivalent, 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 in the course 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. **This class earns weighted credit.**

Physics

 **AZ03155**

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Year – 1 Credit

Prerequisites: *Algebra I and Scientific Inquiry or equivalent recommended*

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 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.

AP Physics A

 **AZ03155**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year – 1 Credit

Prerequisites: *Biology and Geometry*

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 have the opportunity to take the Advanced Placement test in the spring to earn college credit. **This class earns weighted credit.**

AP Physics B

 **AZ03155**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year – 1 Credit

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 have the opportunity to take the Advanced Placement test in the spring to earn college credit. **This class earns weighted credit.**

Forensic Science

 **AZ03999**


Sites: CG, VG

Grade Levels: 10-12


Credit: 1 Year -1 Credit

Prerequisites: *Biology or equivalent*

Forensic Science gives students a basic understanding of the 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.

AP Environmental Science  **AZ03003**
Sites : **CG, VG**
Grade Levels: **11, 12**
Credit: **1 Year – 1 Credit**
Prerequisites: Biology

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. The AP Environmental Science course enhances students' higher order thinking and reasoning abilities.

Anatomy & Physiology  **AZ03053**
Sites: **CG, VG**
Grade Level: **12**
Credit: **1 Year – 1 Credit**
Prerequisites: Biology and Chemistry

Anatomy and Physiology is the study of the body's structures and respective functions at the molecular/biochemical, cellular, tissue, organ, systemic and organism levels. Students explore the body through laboratory investigations, model diagrams and/or comparative studies of the anatomy of other organisms. Through the study of the human body, students develop an understanding of who they are, what makes their bodies work, and what happens when their bodies malfunction. Decision making and responsibility are stressed as students learn about themselves and develop an understanding of the effects of their choices and decisions. The study of anatomy and physiology prepares students for a variety of pursuits such as health care, sports and fitness careers, as well as for taking an active part in their own health and wellness.

SOCIAL STUDIES SEQUENCE & COURSES

Credits Required for Graduation: **3 credits** (+ .5 Freshman SS Requirement at CG and VG)

Credits Required for University: **2 credits**

Description:

- Students must successfully complete World History/Geography, American History, Government, and Economics.
- Arizona universities require 2 years/units of Social Studies courses. One year/unit of history (including at least one course in American History) and one year/unit of an additional social science such as Geography, Government, Psychology, Anthropology, European or World History, Economics, or Sociology.
- In addition to the university and state requirements, all freshman students in the District (except at DW) will be required to take 1 semester of either Geography of the World or Pre-AP World History.

Year	Option 1	Option 2 (Honors)	Option 3 (ESS or GATE)
Freshmen	Geography of the World (1 semester)	Pre-AP World History (1 semester)	Equivalent Courses <i>(Individualized plan for ESS or GATE students to be developed by a student study team comprised of the following: case manager, GATE Coordinator, content area teachers, parents, site administration, Director of ESS and Director of Curriculum)</i>
Sophomore	World History/Geography	AP World History	
Junior	American History	AP U.S. History	
Senior	Government/We the People Economics	AP Government	

SOCIAL STUDIES COURSES

Geography of the World AZ04001

Sites: CG, VG

Grade Level:9

Credit: 1 Semester – ½ Credit

Prerequisites: None (required elective credit)

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 (as a stepping stone to the study of World History sophomore year).

Pre-AP World History AZ04051

Sites: CG, VG

Grade Level:9

May be taken instead of Geography of the World

Credit: 1 Semester – ½ Credit

Prerequisites: None

Students in this course will develop an understanding of the themes of World History and World Geography. Students will use these tools to explore historical activities and data from the beginning of civilization to approximately 600 CE. Students will become familiar with how to write a document-based question essay and explore the physical and political geography of the world. This course will ensure students are prepared to take AP World History next. **This class earns weighted credit.**

World History/Geography AZ04052

Sites: CG, VG

Grade Level:10

Credit: 1 Year – 1 Credit

Prerequisite: None

World History/Geography covers the history and geography of the world from pre-history to the modern age in accordance with state and ACCRS standards. Students will analyze the human experience through time; recognize the relationships of events and people; and interpret significant patterns, themes, ideas, beliefs, and turning points in World History.

AP World History AZ04057

Sites:CG, VG

Grade Level: 10

Credit: 1 Year – 1 Credit

Prerequisite: English I, and Pre AP World History

Advanced Placement World History is a year-long course that will assist students in developing a greater understanding of the evolution of global processes and contacts and the interactions of different types of human societies. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course builds on an understanding of cultural, institutional and technological precedents that, along with geography, set the human stage. Reading, writing and analytical skills are stressed throughout the course in preparation for the AP exam in May. **This class earns weighted credit.**

American History AZ04101

Sites: CG, VG

Grade Level: 11

Credit: 1 Year – 1 Credit

Prerequisites: None

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.

AP U.S. History AZ04104

Sites:CG, VG

Grade Level: 11

Credit: 1 Year – 1 Credit

Prerequisites: AP World History/Geography

The AP program in 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 in May. **This class earns weighted credit.**

U.S. Government **AZ04151****Sites:** CG, VG**Grade Level:**12**Credit:** 1 Semester – ½ Credit**Prerequisites:** *None*

Focus is 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 as well as in Arizona. State and ACCRS Standards are covered throughout the semester.

We the People: The Citizen and the**Constitution** **AZ04151****Sites:** CG**Grade Level:**12**Credit:** 1 Semester – ½ Credit**Prerequisites:** *None*

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.

Economics **AZ04201****Sites:** CG, VG**Grade Level:**12**Credit:** 1 Semester – ½ Credit**Prerequisites:** *None*


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

AP Human Geography **AZ04004****Site:** CG**Grade Levels:** 10-12**Credit:** 1 Semester – ½ Credit**Prerequisites:** *A or B in English I*

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. **This class earns weighted credit.**

Discussion of Contemporary Issues**AZ04064****Site:** VG**Grade Levels:** 11-12**Credit:** 1 Semester – ½ Credit**Prerequisites:** *None*


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. The course is designed for juniors and seniors. This is a speaking and writing intensive course.

AP U.S. Government  **AZ04157**
Sites: **CG, VG**
Grade Level: **12**
Credit: **1 Semester – ½ Credit**
Prerequisites: *AP U.S. History*

The acquisition of a thorough and systematic comprehension of US 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 in order to evaluate general propositions about government and politics as well as 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. **This class earns weighted credit.**

Sociology **AZ04258**
Sites: **CG, VG**
Grade Levels: **10-12**
Credit: **1 Semester – ½ Credit**
Prerequisites: *None*

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


AP Psychology  **AZ04256**
Sites: **CG, VG**
Grade Levels: **10-12**
Credit: **1 Semester – ½ Credit**
Prerequisites: *A or B in English 1-2*

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 have the opportunity to take the AP test in the spring to earn college credit. **This class earns weighted credit.**


History in Film **AZ04099**
Sites: **CG, VG**
Grade Levels: **9-12**
Credit: **1 Semester – ½ Credit**
Prerequisites: *None*

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 of time. The focus of course work will be comprised of extensive discussion and written analysis. Students will need parent permission for viewing the films.

WORLD LANGUAGE COURSES

Spanish I  **AZ06101**
Sites: **CG, VG**
Grade Levels: **9-12**
Credit: **1 Year – 1 Credit**
Prerequisites: *None*

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.

Spanish II  **AZ06102**
Sites: **CG, VG**
Grade Levels: **10-12**
Credit: **1 Year – 1 Credit**
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.

Spanish Honors II

 **AZ06102**

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Year – 1 Credit

Prerequisites: Spanish I

This course, for high-ability and motivated students, is designed to accelerate the development of language skills acquired in first-year Spanish. Students will continue vocabulary and grammar development through further active participation in conversation, storytelling, writing for a variety of purposes and reading historical and cultural information in a variety of materials including short novels. Students will continue preparation for the possibility of an AP Spanish course in the third year of study. **This class earns weighted credit.**

Spanish III

 **AZ06103**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year – 1 Credit

Prerequisites: Spanish II

Spanish III is a continuation of Spanish II. It is the third course of study for students who do not wish to enter the AP program. This course is designed to further develop vocabulary, grammar, listening and speaking in the target language. Culture is also studied through different genres of film and literature. This course is also for native Spanish speakers who wish to challenge themselves academically and prepare for AP Spanish.

Spanish Honors III

 **AZ06105**

Sites: CG, VG

Grade Levels: 10-12

Credit: 1 Year – 1 Credit

Prerequisites: Spanish II

This course, for high-ability and highly motivated students, is designed to accelerate the development of language skills acquired in Spanish II. Students will continue vocabulary and grammar development through further active participation in conversation, storytelling, writing for a variety of purposes and reading historical and cultural information in a variety of materials including short novels. **This class earns weighted credit.**

Spanish for Speakers

 **AZ06106**

Sites: VG

Grade Levels: 9-12

Credit: 1 Year – 1 Credit

Prerequisites: Native Spanish Speaker

This course is designed for native speakers of Spanish and will develop listening, speaking, reading, writing and comprehension skills. Students will learn and discuss the geography, history, culture and current events of the Spanish-speaking world. The primary focus of this course is to improve understanding and use of Spanish grammar, vocabulary, spelling and writing style.

AP Spanish Language

 **AZ06112**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year – 1 Credit

Prerequisites: Honors Spanish 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.**

AP Spanish Literature

 **AZ06113**

Sites: CG, VG

Grade Levels: 11-12

Credit: 1 Year – 1 Credit

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. **This class earns weighted credit.**

Chinese Language & Culture I**AZ06401****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year – 1 Credit**Prerequisites:** *None*

This course is designed to introduce students to Chinese language and culture, Chinese I courses emphasize basic syntax, simple vocabulary, written characters, and spoken tones so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Chinese culture is introduced through the art, literature, customs, and history of Chinese-speaking people.

Chinese Language & Culture II**AZ06402****Sites:** VG**Grade Levels:** 10-12**Credit:** 1 Year – 1 Credit**Prerequisites:** *Chinese Language & Culture I*

Chinese II courses build upon skills developed in Chinese I, extending students' ability to understand and express themselves in Chinese and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and phrasing, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Chinese-speaking people to deepen their understanding of the culture(s).

English Language Learners (ELD)
Exceptional Student Services (ESS)
Gifted and Talented Education (GATE)

English Language Development (ELD)

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

ELD Course Requirements

Beginning in school year 2008-09, Arizona House Bill 2064 requires that all first-year ELL students receive four hours of English Language Development instruction per day as measured by Arizona English Language Learner Assessment (AZELLA), or an Individual Language Learning Plan (ILLP). Student placement will be determined by each student's English Language proficiency level.

ELD Conversational English & Vocabulary (Elective)**AZ01021****Site:** CG**Grade Levels:** 9-12**Credit:** 1 Year – 1 Credit**Prerequisites:** *None***Eligible students:** *AZELLA composite score of less than Proficient (P).***This course is one component of a four-component program.**

Students develop oral communication and academic vocabulary as identified by the state ELL Proficiency Standards. The delivery and comprehension of oral communication, use of standard English conventions and use of academic vocabulary are taught through the use of significant themes and high-interest content in meaningful context. Each semester, students will earn one-half elective credit.

ELD Grammar (Elective)**AZ01028****Sites:** CG**Grade Levels:** 9-12**Credit:** 1 Year – 1 Credit**Prerequisite:** *None***Eligible students:** *AZELLA composite score of less than Proficient (P).***This course is one component of a four-component program.**

Students develop grammar skills in English as identified by the state ELL Proficiency Standards. Increased control over correct grammar usage, proper syntax, morphology, phonology and semantics are taught through the use of significant themes and high-interest content in meaningful context. Each semester students will earn one-half elective credit.

ELD Reading (Elective) AZ01026

Site: CG
Grade Levels: 9-12
Credit: 1 Year – 1 Credit

Prerequisites: None

Eligible students: AZELLA composite score of less than Proficient (P).

This course is one component of a four-component program.

Students develop reading, decoding and comprehension skills in English as identified by the state ELL Proficiency Standards. The five components of reading studied are; phonemic awareness, phonics, vocabulary development, reading fluency, and high-interest content in meaningful context. Each semester students will earn one-half elective credit.

ELD Writing (English) AZ01027

Site: CG
Grade Levels: 9-12
Credit: 1 Year – 1 Credit

Prerequisites: None

Eligible students: AZELLA composite score of less than Proficient (P).

This course is one component of a four-component program.

Students develop writing skills in English as identified by the state ELL Proficiency Standards. Control of writing and correct usage of level appropriate syntax, morphology, phonology, semantics, lexicon and pragmatics are taught through the use of significant themes and high-interest content in meaningful context. Each semester students will earn one-half regular required English credit.

Exceptional Student Services (ESS)

The CGUHSD ESS Department provides educational services to exceptional students through a continuum of services which include instruction in the general education classroom with supplementary aids and services, services integrated into the general education classroom, specialized instruction in a resource or pull-out setting, instruction in a specialized classroom, instruction in a special school, home instruction and instruction in hospitals or institutions. The removal of students with disabilities from the general educational environment will only occur when the nature or severity of the disability is such that education in general education classes or in a building with non-disabled students, with the use of Special Education services, cannot be achieved satisfactorily. An exceptional student is defined as any student who, because of an identified disability, requires specially designed instruction in order to receive a free, appropriate public education. A Multi-Disciplinary Evaluation and an Individual Education Plan (IEP) can determine the student placement and level of required service. All courses meet graduation requirements. Substitutions may be accepted if the IEP team indicates it is necessary. Enrollment in these courses is determined and recommended by the IEP Team and/or case manager. These courses will only be offered if highly qualified teachers are available.

Academic Resource AZ22003

Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year -1 Credit

(Course may be repeated for credit)

Prerequisites: IEP directive

This course is designed to assist students with an Individual Education Plan in their general education courses. An emphasis is placed on organization of course materials, preparation for tests, study techniques and learning strategies, as well as, time to complete general course assignments and projects.

English R AZ01067

Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year - 1 Credit

(Course may be repeated for credit)

Prerequisites: IEP directive

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. Services to be provided will be indicated through objectives on the IEP.

Adaptive PE AZ08007

Sites : CG
Grade Levels:9-12
Credit: **1 semester- ½ credit toward graduation requirements per IEP Team**

(Course may be repeated for credit)

Prerequisites: IEP directive

This course is designed to provide individual instruction in the area of Physical Education. The course is individualized to 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.

English Fundamentals AZ01001

Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year - 1 Credit

(Course may be repeated for credit)

Prerequisites: IEP directive

This course is designed for students who have difficulty in basic English. Activities and lessons are individualized to meet a student's need in the areas of reading comprehension, reading fluency, and vocabulary development. Services to be provided will be indicated through objectives on the IEP.

English 9-E **AZ01001**
Sites: CG, VG
Grade Level:9
Credit: 1 Year - 1 Credit
(Course may be repeated for credit)
Prerequisites: *IEP directive*

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 class mirrors the skills and concepts taught in English 9. Services to be provided will be indicated through objectives on the IEP.

English 10-E **AZ01002**
Sites: CG, VG
Grade Level:10
Credit: 1 Year - 1 Credit
(Course may be repeated for credit)
Prerequisites: *IEP directive*

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 class mirrors the skills and concepts taught in English 10. Services to be provided will be indicated through objectives on the IEP.

English 11-E **AZ01003**
Sites: CG, VG-
Grade Level:11
Credit: 1 Year - 1 Credit
(Course may be repeated for credit)
Prerequisites: *IEP directive*

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 class mirrors the skills and concepts taught in English 11. Services to be provided will be indicated through objectives on the IEP.

English Applications E **AZ01156**
Sites: CG, VG
Grade Level:12
Credit: 1 Year - 1 Credit
(Course may be repeated for credit)
Prerequisites: *IEP directive*

English Applications teaches students communication skills—reading, writing, listening, speaking—concentrating on “real-world” applications. Rather than emphasizing language arts skills as applied to scholarly and literary materials. Services to be provided will be indicated through objectives on the IEP.

Math Fundamentals **AZ2001**
Sites: CG, VG
Grade Levels:9-12
Credit: 1 Year - 1 Credit
(Course may be repeated for credit)
Prerequisites: *IEP directive*

This course is designed for the students not recommended for the regular math program. The curriculum will be based upon assessment of math facts, computational skills and practical real life math. Services will be indicated through the objectives on the IEP

Algebra I-E **AZ2002**
Sites: CG, VG
Grade Levels: 9-12
Credit: 1 Year - 1 Credit
(Course may be repeated for credit)
Prerequisites: *IEP directive*

This course is designed for the students not recommended for the regular math program. The curriculum will be based upon number sense, fractions, decimals, scientific notation, percentage, graphs, area, perimeter, and integers. This class mirrors the skills taught in Algebra I. Services will be indicated through the objectives on the IEP.

Geometry I-E **AZ02074**
Sites: CG, VG
Grade Levels: 10
Credit: 1 Year - 1 Credit
(Course may be repeated for credit)
Prerequisites: *IEP directive*

This course is designed for the students not recommended for the regular math program. The curriculum will be based upon algebraic curriculum focusing on integers, fractions, one and two step equations, Intro to functions, square roots, basic geometric principles, and irrational numbers, etc. This class mirrors the skills taught in Geometry. Services will be indicated through the objectives on the IEP.

Algebra II-E **AZ02051****Sites:** CG, VG**Grade Level:**10**Credit:** 1 Year - 1 Credit*(Course may be repeated for credit)***Prerequisites:** *IEP directive*

This course is designed for the students not recommended for the regular math program. The curriculum will be based upon algebraic curriculum focusing on integers, fractions, one and two step equations, Intro to functions, square roots, basic geometric principles, and irrational numbers, etc. This class mirrors the skills taught in Algebra II. Services will be indicated through the objectives on the IEP.

Consumer Math E **AZ02157****Sites:** CG, VG**Grade Levels:**12**Credit:** 1 Year - 1 Credit*(Course may be repeated for credit)***Prerequisites:** *IEP directive*

This course is designed for the students not recommended for the regular math program. Consumer math reinforces general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics). Students will 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. Services will be indicated through the objectives on the IEP.

Functional Academics **AZ11106****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year - 1 Credit toward graduation requirements per IEP Team*(Course may be repeated for credit)***Prerequisites:** *IEP directive & school location determined by student level of need*

Functional Academics is designed for students who are significantly below grade level in one or more of the following areas (reading, writing, math) and they may or may not be eligible to take the AIMS-A. The course is designed to work through The Functional Arizona Academic Standards. The instruction is focused within the functional context of home, school, work and community environments.

Functional Life Skills **AZ22206****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year - 1 Credit toward graduation requirements per IEP Team*(Course may be repeated for credit)***Prerequisites:** *IEP directive*

Functional Life Skills is designed for students who are significantly below grade level in one or more of the following areas (reading, writing, math) and they may or may not be eligible to take the AIMS-A. The instruction is focused within the functional context of home, school, work and community environments focusing on independence within contexts, self-help and care skills and basic communication and mobility.

Functional Workplace Skills **AZ22152****Sites:** CG, VG**Grade Levels:** 9-12**Credit:** 1 Year - 1 Credit toward graduation requirements per IEP Team*(Course may be repeated for credit)***Prerequisites:** *IEP directive*

Functional Workplace Skills is designed for students who are significantly below grade level in one or more of the following areas (reading, writing, math) and they may or may not be eligible to take the AIMS-A. The instruction is focused within the functional context of home, school, work and community environments focusing on preparing the student for transitioning to Adult Day Care, Shelter Workshop, Supported Employment, or other options determined by the IEP team and family. Student preferences are considered while developing appropriate work habits and routines.

Next Steps **AZ22998****Sites:** CG, VG**Grade:**9-12**Credit:** 1 Year-1 Credit toward graduation requirements per IEP Team*(Course may be repeated for credit)***Prerequisites:** *IEP directive*

This course is designed to provide individual instruction in the area of transition and work experience off campus. The course is individualized to each student based on the decisions made by the IEP Team. Students are provided with the basic skills in how to prepare for a job, complete job applications, interview for a job, and secure an off-campus job, based on the Arizona Workplace standards.

ESS On-The-Job-Training AZ22998**Sites:** CG, VG**Grade Level:** 11, 12**Credit:** 1 Semester- ½ Credit*(Course may be repeated for credit)*

Students who are enrolled in the TOPS program have the opportunity to take this job training course. Students need to be working at least 15 hours per week. Students are paid for working and are evaluated on job performance by his/her supervisor. The TOPS instructor will help students be placed in the work force. Students can be transported during school hours, but will need to find transportation home.

Gifted and Talented Education Program (GATE)

CGUHSD maintains that gifted students are found in all walks of life. Exceptional ability can be found in all cultures, linguistic groups, socioeconomic levels, and in individuals with disabilities. We strive to identify a population of gifted students that reflects the residents of our community. Services are provided to any student that meets or exceeds the 97th percentile on a state-approved test, as required per state law. CGUHSD also services students who score in the 95th percentile on the aforementioned tests. Each gifted student is an individual with differing talents, personality and passions. CGUHSD aims to address the individual learning needs of each of our gifted students so that we may provide the most suitable educational opportunities possible and prepare our students to enter the worlds of both higher education and work. Gifted education in the District focuses on differentiating the content, process and product of curriculum offered to mainstream students while maintaining a focus on mastery of the Common Core Standard

GATE Seminar AZ22132**Sites:** VG**Grade Levels:** 9-12**Credits:** 1 Year- 1 Credit*(Course may be repeated for credit)*

Prerequisites: Student must be enrolled in the Gifted and Talented Program (GATE). To be eligible for the GATE program a student must be at the 97th percentile or above on a state-approved test. Common tests include the Cognitive Abilities Test, SAT, ACT, PSAT and PLAN

This course is designed to challenge students to reflect critically on the diversity of knowledge, and the role knowledge plays in a global society. Students will develop Costa's Habits of Mind and apply themselves as learners and thinkers, to become aware of the complexity of knowledge, and to recognize the need to act responsibly in an increasingly interconnected world. The course will be seminar based, with class conducted primarily through discussion. Students will complete an individual research project that will be presented at an end of the year.

