

MAMMOTH-SAN MANUEL UNIFIED SCHOOL DISTRICT

SAN MANUEL HIGH SCHOOL



Course Description Guide 2022-2023

The mission of Mammoth-San Manuel PK-12 School is to mold accountable citizens by fostering a positive family atmosphere, allowing for a fresh start every day, where successes are celebrated, and dreams are encouraged.

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San Manuel, AZ 85631

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San Manuel High School Course Description Guide

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POLICY NOTIFICATION STATEMENT

It is the policy of Mammoth-San Manuel Unified School District not to discriminate on the basis of race, color, religion, gender, age, national origin, disability, marital status, political affiliation, or veteran status in its education program, activities or employment policies as required by federal and state laws. The district abides by federal and state laws regarding people with disabilities. If you have a special need, reasonable accommodations will be made in accordance with the Americans with Disabilities Act of 1990. Inquiries regarding compliance with any of the above may be directed to the district office at 711 McNab parkway, San Manuel, AZ 85631, (520) 385-2337; or to the Director of the Office of Civil Rights, U.S. Department of Education, Federal Building, 1244 Speer Blvd, Suite 310, Denver, CO 80204-3582.

GRADUATION REQUIREMENTS

**San Manuel Jr/Sr
High School
Graduation**

**4 Year
College/University
Admission**

ENGLISH	4 CREDITS
MATHEMATICS (Algebra I, Geometry, Algebra II, Advanced Math with Algebra II Pre-requisite)	4 CREDITS
SCIENCE (Physical Science, Biology, Forensics/Chemistry)	3 CREDITS
SOCIAL STUDIES (World Geography/History, U.S.-AZ History, U.S. Constitution/Economics)	3 CREDITS
P. E. /HEALTH	1 CREDIT
ELECTIVES (1 ELECTIVE CREDIT REQUIRED FROM ONE OF THESE THREE OPTIONS):	7 CREDITS
VISUAL ARTS <u>or</u> PERFORMING ARTS <u>or</u>	
CTE EDUCATION	
TOTAL CREDITS FOR GRADUATION: 22	
(One semester of course work equals .5 credits)	

ENGLISH	4 CREDITS
MATHEMATICS (Algebra I, Geometry, Algebra II, Pre-calculus or Advanced Math with Algebra II Pre-requisite)	4 CREDITS
SCIENCE (Physical Science, Biology, Chemistry, Physics)	3 CREDITS
SOCIAL STUDIES	2 CREDITS
FINE ART/CTE (Visual or Performing)	1 CREDIT
FOREIGN LANGUAGE (Two years of same language)	2 CREDITS
ELECTIVES	6 CREDITS
TOTAL CREDITS FOR GRADUATION: 22	

Honors Diploma

The graduating senior must satisfy the following:

- Earn a minimum of 24 credit hours
- Successfully complete the 16 required courses for entry into the Arizona University system
- ENGLISH 4 CREDITS
- MATHEMATICS 4 CREDITS
- (Algebra I, Geometry, Algebra II, Pre-calculus or Advanced Math with Algebra II Pre-requisite)
- SCIENCE 3 CREDITS
- (Physical Science, Biology, Chemistry, Physics)
- SOCIAL STUDIES 2 CREDITS
- FINE ART 1 CREDIT
- (Visual or Performing)
- FOREIGN LANGUAGE 2 CREDITS
- (Two years of same language)
- ELECTIVES 6 CREDITS
- Maintain a minimum grade Point Average of 3.75 using our weighted system through the *seventh* semester
- Have no referrals of any kind for grades 10-12

The student must also complete three of the following:

- Be a member of the National Honor Society in good standing
- Have participated in Student Government for at least two years
- Maintain good attendance with no more than 5 absences per semester
- Earn a combined score of at least 29 on the ACT or at least 1300 on the SAT
- Complete 40 hours of community service (not related to or claimed for NHS).

Once the above is completed, the graduating senior will go in front of the "Honors Diploma Committee" (On or about February 20th) with a completed application and resume. During this meeting the senior will validate their application and confirm their resume and answer questions from the Committee.

Assuming all criteria has been met and the Committee recommends it, the senior will be given an Honors Diploma at graduation and will be allowed to wear a *white* gown to signify this special accomplishment.

Testing Information

AzSci

The Arizona statewide test to measure Science is the AzSCI (formerly the AIMS Science test) and is administered to students in **Grades 5, 8, and 11** in the Spring. The AzSCI is a computer-based assessment that allows for the use of a variety of innovative item types, all aligned to the Arizona Science Standards adopted in 2018. A sample test can be viewed at <https://az.testnav.com/client/index.html#>

AASA

Arizona's Academic Standards Assessment (AASA) is given each Spring to students in **Grades 3-8**, measures student proficiency on English Language Arts (including both Reading and Writing) and Mathematics. The assessment is aligned to the ELA and Math academic standards adopted in 2016. Each year, the state of Arizona publishes School Report Cards, which includes results from this assessment. Parent information about the statewide achievement tests can be found at <https://www.azed.gov/assessment/parents>.

Civics Test

In 2015, the Arizona legislature passed the American Civics Act (House Bill 2064). This bill will require students, beginning with the graduating class of 2017, to pass a civics test based on the United States Immigration and Naturalization civics questions. Students will be required to score 60% or higher in order to graduate from high school.

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. The top scoring one half of one percent of the 11th grade students taking the PSAT can qualify for National Merit Scholarships. Taking the PSAT is good practice for taking the SAT and ACT. *Fee waivers are available for students that qualify for free or reduced lunches.*

ACT

American College Test is divided into four subject areas: English, Mathematics, Reading and Science Reasoning. There is an optional writing test available for a fee for those students wishing to showcase their writing skills. Registration materials are available in the Counselors' Office or registration can be completed online at: www.actstudent.org. *Fee waivers are available for students that qualify for free or reduced lunches.*

ADAPTIVE EDUCATION

Adaptive education provides services to those students who, through a series of assessments, qualify for Special Education Services. Each student who receives services through the special education department has an Individual Education Plan (IEP) or an Individual Language Learner Plan (ILLP). Some of the students are in general education classes with assistance from the special education teacher(s). Other students receive services in the resource classroom with the special education teacher(s). Students in the special education program will earn regular academic credits.

Special Education/Student Support

Federal and state laws mandate that school districts provide programs for students with identified handicaps. Students may be eligible for special education or 504 services.

A comprehensive evaluation by the school psychologist and support staff team members determines eligibility for placement in special education or 504 programs. The appropriate plan is developed by a team consisting of educational professionals, the student and the parents.

If you feel your child qualifies for support services, please contact the Special Education Department Facilitator or the School Psychologist.

English Language Development (ELD)

The English Language Development Program is a developmental program which assists students in the acquisition of the English language.

The program's goals are to support the limited English proficient students as they become independent learners and to promote the awareness and acceptance of diversity. Students focus on verbal, reading and writing skills in ELD classes as well as through accommodations made by classroom teachers for ELD students enrolled in regular classes.

The ELD program is designed to meet students' academic, cognitive, and affective needs as they move toward full participation in mainstream classrooms with eventual exiting of the ELD program. Placement is determined by evaluation on the Arizona English Language Learner Assessment (AZELLA). Students are monitored for progress and advancement throughout the year.

Schedule Changes

Parents and students should be aware there are limited opportunities for making changes to a student's schedule, and, at times, this eliminates the opportunity for changes. Please note: Administration reserves the right to change student schedules at any time (e.g., leveling class size, etc.) without parent permission.

Acceptable requests include:

- administrator or teacher recommendation
- student received credit for the class
- student failed a class required for graduation
- student did not complete prerequisite class (es) order

Unacceptable requests include:

- student prefers a different lunch
- student prefers a different teacher
- student prefers a class with a friend
- student prefers classes in a different order

GENERAL INFORMATION

Course selections

Students choose courses they desire after reading the course descriptions. Before choosing a course, please check the following restrictions:

A. Some classes have prerequisites. A student will not be allowed to enroll in a course unless he/she has taken and passed the pre-requisite course or courses and earned the grades required.

B. Some classes have grade-level restrictions. A student should check to see if he/she is eligible to take the course.

C. A one semester course is worth .5 credit. A full year course is worth 1 credit.

Once enrolled in a course, students are expected to complete the course.

D. Courses which meet 4-year college entrance requirements are designed as college preparatory. Advanced Placement Courses are available for students who want to experience a higher-level thinking curriculum.

Academic Program

San Manuel Jr. / Sr. High School provides comprehensive educational and extracurricular programs that will prepare students for their post-secondary goals. It is the intent of the San Manuel Jr. / Sr. High School program to fully involve students for four years. It is important that students plan their four-year curriculum in order to take advantage of the scope and depth of the course offerings. The San Manuel Jr. / Sr. High School counselors will assist in the development of the students' four-year plan early in their freshmen year. The four-year plans are designed to meet high school graduation requirements. College entrance requirements, job skill development, and special interests can be included within the framework in the elective areas.

Four Year Plans

Students will work with their counselors and the career center counselor to develop an Education Career and Action Plan (ECAP).

Please carefully review the plan for your graduating class. A total of 22 credits are needed for graduation.

Education & Career Action Plan (ECAP)

"Effective for the graduation class of 2013, schools shall complete for every student in grades 9-12 an Arizona Education and Career Action Plan." (R7-2-302.05) "An ECAP reflects a student's current plan reflects a student's current plan reflects a student's current plan of coursework, career aspirations, and extended learning opportunities in order to develop the student's individual academic and career goals. Ideally, the initial plan will be developed in middle school and updated on a yearly basis throughout high school and the postsecondary years." (Arizona Department of Education)

The Mammoth-San Manuel Unified School District supports the use of AZCIS

(www.azcis.intocareers.org) to help students build their ECAP's. The student account may be created at any time with access to it at any time via the internet. Please contact the counseling department for more information.

Admission Testing

ACT and SAT are tests used by colleges and universities to aid them in making admission decisions. Colleges consider more than test scores, grade averages and class rank; quality of the four-year transcript, involvement in community and school, leadership activities, and recommendations are also considered.

Colleges accept the highest set of scores from an applicant so early testing is recommended as it allows time for retesting. Many colleges publish the score ranges of admitted students and will admit new students whose scores fall below those ranges only if there are other compelling reasons to warrant admission.

ACT/SAT tests should be taken in the spring of junior year to meet admissions and financial aid deadlines. Please check with your university of choice for updated information. Students applying to in-state schools are strongly encouraged to apply by October 1st of their senior year.

Out-of-state and private college/university admissions

Out-of-state and private colleges/universities differ considerably in depth and breadth of requirements. Interested students should consult the specific college website for more information about application deadlines and admissions requirements because some colleges may require SAT

subject tests in addition to the ACT or SAT. Many colleges have firm deadlines. The student should check with the college.

GPA/weighted grades

In determining the grade point average the following scale will be used: A = 4, B = 3, C = 2, D = 1 and F = 0. San Manuel Jr. / Sr. High School recognizes that some courses are designed to be more challenging. As a result, some courses may receive weighted grades. The weighted grade scale is: A = 5, B = 4, C = 3, D = 2 and F = 0.

Advanced Placement (AP) Courses

These classes are offered as accelerated classes for students preparing for a post-secondary education. Honors classes are offered to students who qualify with teacher recommendation. Advanced Placement courses follow a nationally recognized curriculum. This curriculum is designed to be college level. **The workload is generally more demanding and the expected skill level of entering students is greater than normal.** In May, a comprehensive test is offered in each subject where students may earn college credit. Each AP course has a fee associated to help offset the cost of the exam, which is \$86. College credit is determined by each college or university and varies in the type and amount of credit. Students should contact the colleges and universities of their choice for information as to whether credit is given and if so, on the amount of credit available. Some recent research indicates that students with high PSAT, ACT and SAT scores will do well on the Advanced Placement exams. The research indicates that these higher scores are better predictors of AP exam success than a student's GPA.

Information about AP can also be found at: <http://apcentral.collegeboard.com/> (the official AP website). If you have any other questions, please see your teacher, or counselor.

CAC Early College Programs

CAC Early College (fall and spring semesters only) is a way for high school students to enroll in college at the same time they are enrolled in high school. Unlike the First Step Program, which is a summer offering, students participating in Early College may concurrently enroll in CAC classes during the regular fall and spring semester of high school. As with the First Step Program, students may enroll in Early College at the end of their sophomore or junior year and may take up to 5 college credits and receive a tuition waiver for the cost of the courses. Students must pay for their textbooks and provide their own transportation to CAC. The ACUPLACER (placement test) must be taken prior to enrolling in CAC as part of the First Step and/or Early College orientation process:

<https://centralaz.edu/admissions/placement>

ENGLISH

All English classes are based on the Arizona state's College and Career Ready Standards and E.L.P. standards. Writing assignments are graded on state approved rubrics. The courses are designed to prepare all students to be college and/or career ready.

COURSE TITLE:	ENGLISH I
GRADE LEVEL:	9
TYPE OF COURSE:	REQUIRED
COURSE NUMBER:	1110 (1ST SEM.), 1115 (2ND SEM.)
PREREQUISITE:	NONE

This course stresses the understanding of six genres of literature: the short story, non-fiction, mythology, poetry, drama, and the novel. Included in each genre are the study of literary terms,

vocabulary, grammar, creative writing, and oral presentations. Four projects are required which evaluate the students' comprehension of different types of literature in the English I textbook. In addition, a small research paper and numerous five-paragraph essays are required.

COURSE TITLE: ENGLISH II
GRADE LEVEL: 10
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 1210 (1ST SEM.), 1215 (2ND SEM.)
PREREQUISITE: ENGLISH I

This course introduces a student to the elements of various literary forms, including short stories, novels, plays, and poetry. Writing requirements include further development of the five-paragraph essay, and a short research project is required. Creative writing includes the short story and poetry. Written book reports are assigned, as well as at least one oral report per semester. Grammar focuses on parts of speech, clauses, and sentence structure.

COURSE TITLE: ENGLISH III
GRADE LEVELS: 11
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 1310 (1ST SEM.), 1315 (2ND SEM.)
PREREQUISITE: ENGLISH II

This course surveys American literature. Numerous stories, essays, and articles are read. Writing instruction covers formal essays, a medium-length research project, and creative writing, including poetry and journals. The course develops public speaking skills through an oral presentation. Study skills and test-taking skills are also covered. Three outside reading novels are read, all in the first semester, with book reviews written for each.

COURSE TITLE: ENGLISH IV
GRADE LEVEL: 12
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 1410 (1ST SEM.), 1415 (2ND SEM.)
PREREQUISITE: ENGLISH III

Senior English concentrates on a survey of British literature. Writing instruction includes a detailed six-source research paper, essays, journals, and sonnets. The development of life skills includes writing a resume, filling out applications and interviewing for a job. Communication skills include work on expression and support of opinions and ideas, through discussions and various writing assignments.

HONORS & ADVANCED PLACEMENT ENGLISH

Honors English at the sophomore and junior levels is an excellent bridge into Advanced Placement English at the senior level. Advanced Placement courses are extremely challenging and are designed to prepare students for college. Anyone who has completed his or her previous course work may participate. You do not have to be a "straight A" student to be in Honors English - you just need to have a strong interest in English, and grade level skills in reading and writing. One section, limited to 25 students, is available at each level. In order to participate in the class, you may be required to complete summer reading and writing assignments. Failure to complete the assignments may result in your withdrawal from the course. In addition, Language Arts teacher recommendations and test scores are also considered.

AP courses also offer high school students the opportunity to earn university credit. College credit may be earned, depending upon the particular admissions and placement policies of each college and university, and upon the student's performance and score on the AP Exam(s).

At the end of the course, in May, students may take the Advanced Placement Exam given by the College Board. The tests are about three hours in length and include both multiple-choice and essay sections. To pass, a student must receive a minimum score of 3 out of a possible 5.

Because the AP tests are extremely difficult, the students and teachers may spend time in study sessions outside of regular class time in preparation. A great deal of reading and writing is required, both in and out of class.

NOTE: Students do receive weighted grades in Honors and A. P. courses. However, be aware that many colleges recalculate grade point averages to remove that weighting. A student earning a D or below may be removed from the class at the end of a semester, at the teacher's discretion.

COURSE TITLE: HONORS ENGLISH II
GRADE LEVEL: 10
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 1220 (1ST SEM.), 1225 (2ND SEM.)
PREREQUISITE: ENGLISH I
CREDITS: .5 WEIGHTED PER SEMESTER HIGH SCHOOL

In addition to the material covered in regular English II classes, the honors class will challenge the motivated student to explore a wide spectrum of classic world literature. Emphasis will also be placed on composition, analysis and research.

COURSE TITLE: HONORS ENGLISH III
GRADE LEVELS: 11
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 1320 (1ST SEM.), 1325 (2ND SEM.)
PREREQUISITE: TEST SCORES AND TEACHER RECOMMENDATIONS
CREDITS: .5 WEIGHTED PER SEMESTER HIGH SCHOOL

In addition to the material covered in regular English III classes, the honors course will challenge the motivated student to explore a wide spectrum of classic American literature. Emphasis will be placed on composition skills including development of ideas, close analysis, critical evaluation, and methods of persuasion. Students will also engage in several debates, group projects, a large research project, and extensive reading done outside of class.

COURSE TITLE: AP ENGLISH IV
GRADE LEVEL: 12
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 1420 (1ST SEM.), 1425 (2ND SEM.)
PREREQUISITE: ENGLISH III OR HONORS ENGLISH III
CREDITS: .5 WEIGHTED PER SEMESTER HIGH SCHOOL

In addition to the regular English IV course work, students will be reading a variety of literary works and genres to sharpen their awareness of language and their understanding of the writer's craft. Each supplemental reading assignment will have a quiz and an essay. Students will develop critical analysis skills through speaking, listening, reading and writing. Writing goals will focus on honest,

effective use of language and the organization of ideas in a clear, coherent and persuasive fashion. Students take practice AP tests.

MATHEMATICS

It is the goal of the mathematics department that students who complete the mathematics program will have mastery of the State Essential Skills, gain an appreciation for mathematics and can use the skills they learn to improve their lives after high school. To meet the recommendations of the Arizona Board of Regents (for admission to college), San Manuel High School is proud to offer an excellent math curriculum that can take a student through Calculus. Many students accept this challenge and complete the entire curriculum, gaining the valuable thinking skills necessary for continuing their education past high school. The following is a list of the courses offered as well as the sequence and requirements of each course. Any student that has questions, please ask one of the math teachers.

Students who plan to attend a Technical or Trade School: High school math requirements

Students who plan to attend a two or four year college:

1. Algebra I
2. Geometry
3. Algebra II
4. Pre-calculus

Students who plan to attend a two or four year college and are interested in technology, medicine, or business:

1. Algebra I
2. Geometry and Algebra II can be taken at the same time for students that did not take Algebra I in the eighth grade and would like to try calculus.
3. Pre-calculus
4. Calculus

COURSE TITLE:	ALGEBRA I
GRADE LEVEL:	9
TYPE OF COURSE:	REQUIRED
COURSE NUMBER	2120 (1ST SEM.), 2125 (2ND SEM.)
PREREQUISITE:	NONE

Algebra I is typically the freshman entry-level course for San Manuel High School. However, Algebra I is offered to 9th - 12th grade students. Algebra I prepares students for upper level math classes as well as strengthens students' essential skills and problem solving abilities. Algebra I has many real world applications.

COURSE TITLE:	GEOMETRY
GRADE LEVEL:	10
TYPE OF COURSE:	REQUIRED
COURSE NUMBER:	2140 (1ST SEM.), 2145 (2ND SEM.)
	PREREQUISITE: ALGEBRA I
	TI 83 OR BETTER GRAPHING CALCULATOR will be used in class and is recommended

The Geometry content is based within Euclidean Geometry. It includes an introduction to reasoning, relationships in triangles, special right triangles, properties of quadrilaterals, proportion and similarity, trigonometric functions, transformations, circles, area/volumes of polygons and probability. Geometry is required for all sophomores as part of San Manuel High School's four year math requirement. Geometry is a prerequisite for Algebra II. However, many students take Geometry and Algebra II at the same time to help them get ahead in math so they can take Calculus/AP Calculus. Besides having many practical applications, Geometry improves students' thought process, reasoning skills and problem-solving ability.

COURSE TITLE: ALGEBRA II
GRADE LEVEL: 11
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 2130 (1ST SEM.), 2135 (2ND SEM.)
PREREQUISITE: ALGEBRA I AND GEOMETRY
TI 83 OR BETTER GRAPHING CALCULATOR HIGHLY RECOMMENDED

Algebra II Course Description: This course is designed to build on Algebra I and Geometric concepts. It develops advanced Algebra skills such as systems of equations, advanced polynomials, imaginary and complex numbers, quadratics, and concepts and includes the study of trigonometric functions. The content of this course is important for students' success on both the ACT and college mathematics entrance exams.

COURSE TITLE: PRECALCULUS
GRADE LEVEL: 12
TYPE OF COURSE: REQUIRED FOR COLLEGE ENTRANCE
COURSE NUMBER: 2150 (1ST SEM.), 2155 (2ND SEM.)
PREREQUISITE: ALGEBRA II
TI 83 OR BETTER GRAPHING CALCULATOR
CREDITS: .5 WEIGHTED PER SEMESTER HIGH SCHOOL

The course will follow the standard college level Algebra curriculum and is invaluable for any junior or senior wishing to attend a Junior College or University. Precalculus is a pre-requisite for Physics and will greatly improve student's scores on the ACT and SAT tests. A great deal of time will be spent exploring Trigonometric graphs with graphing calculators and learning physical applications of Trigonometry.

TI 83 graphing calculators will be utilized throughout the two courses as a graphical aid and an enhancement to the learning process. Tests in the class are not intended to test a student's understanding of how to utilize technology, but rather to test a student's understanding of the course content. Therefore, the majority of questions on exams will not utilize the TI calculators. If students are planning on attending a university, then it is highly recommended that they purchase a TI calculator as soon as possible. If the student will have a math intensive course load, then it is recommended that they purchase a TI-89 Titanium.

COURSE TITLE: PERSONAL FINANCE
GRADE LEVEL: 12
TYPE OF COURSE: REQUIRED (can be taken in place of Pre-calculus)
COURSE NUMBER: 2250 (1ST SEM.), 2255 (2ND SEM.)
PREREQUISITE: ALGEBRA II

The Personal Finance course is for seniors and represents those standards of learning that are essential and necessary for all students to function in society. The implementation of the ideas, concepts, knowledge, and skills contained in the Personal Finance will enable students to implement those decision-making skills they must apply and use to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society.

COURSE TITLE: CALCULUS
GRADE LEVEL: 12
TYPE OF COURSE: REQUIRED FOR COLLEGE ENTRANCE
COURSE NUMBER: 2160 (1ST SEM.), 2165 (2ND SEM.)
PREREQUISITE: PRECALCULUS
CREDITS: .5 WEIGHTED PER SEMESTER HIGH SCHOOL

Calculus is an advanced math class that is taught concurrently with AP Calculus. Calculus is recommended for students who plan to attend college or wish to pursue technology, business, or medicine. This course meets Arizona university entrance requirements.

TI 83 graphing calculators will be utilized throughout the two courses as a graphical aid and an enhancement to the learning process. Tests in the class are not intended to test a student's understanding of how to utilize technology, but rather to test a student's understanding of the course content. Therefore, the majority of questions on exams will not utilize the TI calculators. If students are planning on attending a university, then it is highly recommended that they purchase a TI calculator as soon as possible. If the student will have a math intensive course load, then it is recommended that they purchase a TI-89 Titanium.

COURSE TITLE: A.P. CALCULUS
GRADE LEVEL: 12
TYPE OF COURSE: REQUIRED FOR COLLEGE ENTRANCE
COURSE NUMBER: 2160 (1ST SEM.), 2165 (2ND SEM.)
PREREQUISITE: COLLEGE ALGEBRA AND TRIGONOMETRY
(TEACHER RECOMMENDATION)
CREDITS: .5 WEIGHTED PER SEMESTER HIGH SCHOOL

A. P. Calculus is an advanced college preparatory class that is taught concurrently with Calculus. This is a weighted course that covers the same topics as a first semester college calculus course. A student who takes A.P. Calculus will be expected to complete all regular Calculus assignments, as well as additional A.P. tasks in preparation for the A. P. test. Passing the A. P. test will give students college credit for Calculus.

TI 83 graphing calculators will be utilized throughout the two courses as a graphical aid and an enhancement to the learning process. Tests in the class are not intended to test a student's understanding of how to utilize technology, but rather to test a student's understanding of the course content. Therefore, the majority of questions on exams will not utilize the TI calculators. If students are planning on attending a university, then it is highly recommended that they purchase a TI calculator as soon as possible. If the student will have a math intensive course load, then it is recommended that they purchase a TI-89 Titanium.

SCIENCE

Three years of science will satisfy the requirements for high school graduation. However, three years of lab science (Physical Science, Biology, Chemistry, Forensics, and/or Physics) are required for admission to most four-year colleges.

COURSE TITLE: PHYSICAL SCIENCE
GRADE LEVEL: 9
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 3190 (1ST SEM.), 3195 (2ND SEM.)
PREREQUISITE: NONE

Physical Science is designed as an entry-level course to build those science skills and concepts, which are essential to all the other science offerings. Physical Science courses involve study of the structures and states of matter and may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions. **This course is aligned to the National Next Generation Science Standards that focus upon entry-level chemistry, physics, and astronomy. This course meets graduation requirements and contains laboratory activities.**

COURSE TITLE: BIOLOGY
GRADE LEVEL: 10
TYPE OF COURSE: REQUIRED
COURSE NUMBER: 3140 (1ST SEM.), 3145 (2ND SEM.)
PREREQUISITE: PHYSICAL SCIENCE

This is an introductory course in biology with emphasis placed on the student learning problem-solving methods through inquiry and laboratory activities. Topics include cell anatomy and physiology, genetics, studies of plant and animal kingdoms and ecology. This course is aligned to the National Next Generation Science Standards. This course meets university entrance requirements.

COURSE TITLE: FORENSICS
GRADE LEVEL: 11, 12
TYPE OF COURSE: REQUIRED (can be taken in place of chemistry)
COURSE NUMBER: 3200 (1ST SEM.), 3205 (2ND SEM.)
PREREQUISITE: BIOLOGY

Forensics is a course using basic science for the purpose of solving criminal issues. It is designed to engage students using a problem solving and inquiry based approach as well as laboratory activities. This course will incorporate multidisciplinary instruction using topics from biology, chemistry, physics, and earth sciences. Included will be topics linked to law and criminalistics with major themes of study in pathology, anthropology, odontology, ballistics, trace evidence, biological fluids, DNA, fingerprints, impression evidence, questioned documents and forensic psychiatry/psychology. This course meets graduation requirements.

COURSE TITLE: CHEMISTRY
GRADE LEVEL: 11, 12
TYPE OF COURSE: REQUIRED (can be taken in place of Forensics)
COURSE NUMBER: 3150 (1ST SEM.), 3155 (2ND SEM.)
PREREQUISITE: BIOLOGY AND ALGEBRA II (OR CONCURRENT ENROLLMENT)

CREDITS: .5 WEIGHTED PER SEMESTER

Chemistry is the study of matter and its' changes. Laboratory work is required. Chemistry is recommended for students who wish to pursue a scientific or technical career, or plan to attend college. This course meets Arizona University entrance requirements.

COURSE TITLE: A.P. CHEMISTRY
GRADE LEVEL: 11, 12
TYPE OF COURSE: REQUIRED FOR COLLEGE
COURSE NUMBER: 3110 (1ST SEM.), 3115 (2ND SEM.)
PREREQUISITE: BIOLOGY AND ALGEBRA II OR CONCURRENT ENROLLMENT
CREDITS: .5 WEIGHTED PER SEMESTER

A.P. Chemistry is an advanced preparatory class that is taught concurrently with regular Chemistry. A student who takes A.P. Chemistry is expected to perform all regular chemistry tasks and additional A.P. tasks in preparation for taking the A.P. test which is required. Passing the A.P. test will give students a college chemistry credit.

COURSE TITLE: ANATOMY AND PHYSIOLOGY
GRADE LEVEL: 11, 12
TYPE OF COURSE: REQUIRED (can be taken in place of Forensics)
COURSE NUMBER: 3380 (1ST SEM.), 3385 (2ND SEM.)
PREREQUISITE: TWO YEARS OF SCIENCE INCLUDING BIOLOGY
CREDITS: .5 WEIGHTED PER SEMESTER

This course is for anyone who is interested in learning more about the human body and its many systems, functions, and structures. Students will have the opportunity practice critical thinking, problem-solving, collaboration and communication via

- Exploring human body structures and functions
- Performing dissections of muscles and organs
- Exploring the collaboration between bones and muscles
- Investigating how body systems maintain homeostasis

COURSE TITLE: PHYSICS
GRADE LEVEL: 11, 12
TYPE OF COURSE: REQUIRED FOR COLLEGE
COURSE NUMBER: 3160 (1ST SEM.), 3165 (2ND SEM.)
PREREQUISITE: TRIGONOMETRY OR CONCURRENT ENROLLMENT
CREDITS: .5 WEIGHTED PER SEMESTER

This course aims to give students an understanding of the contemporary view of the physical world. All physical phenomena are described in terms of two fundamental concepts, matter and energy. The central themes of the course are the development of these concepts. This is done through exploratory activities, followed by development of concepts through lectures and textbook readings, and applications of these concepts in laboratory and problem-solving situations. This course meets Arizona University entrance requirements.

SOCIAL STUDIES

Classes in the Social Studies are designed for students to take in sequence. The prerequisites for these classes must be followed. The following classes are offered in the social studies:

Required Classes: These classes must be completed in order to fulfill the requirements of the state and of the school district for graduation. Students must pass both semesters of these classes. If a student fails one or both semesters of any one of these classes, they must make them up in order to graduate. The following classes are required:

World History and Geography	Grade 9
U.S. / Arizona History	Grade 11
U.S. / Arizona Constitution and Economics	Grade 12

COURSE TITLE:	WORLD GEOGRAPHY AND HISTORY
GRADE LEVEL:	9
TYPE OF COURSE:	REQUIRED
COURSE NUMBER:	4160 (1ST SEM.), 4165 (2ND SEM.)
PREREQUISITE:	NONE

World Geography and History is a full year, required course for all students. In World History and Geography, students will focus on the macro history of world civilizations while studying the Earth's various landforms, bodies of water, and environment. This course will begin with lessons on ancient humans and end with insight concerning current events. Major emphasis is placed on world religions, secularism, European history, Asian history, the history of warfare, and social history. At the conclusion of the course, students will be able to use their historical knowledge to assess the past and present.

COURSE TITLE:	U.S. AND ARIZONA HISTORY
GRADE LEVEL:	11
TYPE OF COURSE:	REQUIRED
COURSE NUMBER:	4120 (1ST SEM.), 4125 (2ND SEM.)
PREREQUISITE:	WORLD HISTORY/GEOGRAPHY

This is a basic course in the study of the operation of federal and state governments. The two major objectives of the course are to allow the student to evaluate the workings of the American Government and to appraise the importance of being involved in the happenings of government at the state and national level. Major emphasis is placed on foundations of government, structure of government, functions of government, government systems of the world, and rights, responsibilities, and roles of citizenship. At the conclusion of the course, students will have a rudimentary understanding of American political history, political theory, comparative politics, economic theories, and economic practice.

COURSE TITLE:	U.S./ARIZONA CONSTITUTION AND ECONOMICS
GRADE LEVEL:	12
TYPE OF COURSE:	REQUIRED
COURSE NUMBER:	4005 (1ST SEM.), 4000 (2ND SEM.)
PREREQUISITE:	AMERICAN HISTORY

This is a basic course in the study of the operation of federal and state governments, the free enterprise system, and the history of the constitution. The two major objectives of the course are to

allow the student to evaluate the workings of the American Government and to appraise the importance of being involved in the happenings of government at the state and national level.

COURSE TITLE: ADVANCED PLACEMENT AMERICAN POLITICS
GRADE LEVEL: 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 4170 (1ST SEM.), 4175(2ND SEM.)
PREREQUISITES: RECOMMENDATION BY AMERICAN HISTORY AND/OR ENGLISH III TEACHER(S)
CREDITS: .5 WEIGHTED PER SEMESTER

Advanced Placement American Politics satisfies the requirements for senior Constitution class, provides the opportunity to enroll in an Advanced Placement class, and take the Advanced Placement exam. College recruiters increasingly look at advanced placement classes when giving scholarship money. If a student successfully completed the college class and passed the Advanced Placement exam (not mandatory), he or she could conceivably earn between 6 and 8 college credits; depending on your score on the exam.

AP American Government and Politics allows students to vigorously study the American political system. Students will use primary and secondary sources to critically examine the American political system. This course has extensive readings in political science, philosophy, and history. At the conclusion of the course, students will have a detailed understanding of American political history, political theory, comparative politics, economic theories, and economic practice. Additionally, students will be prepared for introduction undergraduate courses in the humanities.

FOREIGN LANGUAGES

Students should be aware that 2 years of foreign language is required for admission to Arizona universities (UA, ASU, and NAU). In order to meet the requirement for acceptance into a 4-year college or university, students must successfully complete four consecutive semesters of the same foreign language or American Sign Language. It is highly recommended that students do not skip a year in between due to the amount of material that must be remembered in a second (or third) year class. Foreign languages or ASL are not required for high school graduation.

COURSE TITLE: SPANISH I
GRADE LEVEL: 9, 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7110 (1ST SEM.), 7115 (2ND SEM.)
PREREQUISITE: NONE

This beginning course will provide students with essential skills in oral and written communication. This class offers a thorough covering of Spanish vocabulary, including greetings, the alphabet, singular and plural nouns, and verb tenses. Geography and the cultural aspects of Mexico and numerous holidays are also covered.

COURSE TITLE: SPANISH II
GRADE LEVEL: 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7130 (1ST SEM.), 7135 (2ND SEM.)
PREREQUISITE: SPANISH I OR WRITTEN/ORAL TEST

This second-year course offers, and requires, increased proficiency in the speaking, writing and reading of Spanish. Videos will be used to enhance the fun of learning Spanish, in addition to the use of traditional textbooks. Translations and other simple compositions are included in the course. Increased vocabulary plus additional verb tenses and their irregular forms are also covered. The cultural and geographical aspects of the Spanish influence in Mexico are covered as well.

COURSE TITLE: SPANISH III
GRADE LEVEL: 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7140 (1ST SEM.), 7145 (2ND SEM.)
PREREQUISITE: SPANISH II OR WRITTEN/ORAL TEST

This advanced course will review oral and written communication and composition. Extensive use of Spanish will be required in reading and writing. For example, literature selections will be discussed in Spanish. Special features will sometimes be used to enhance the study of the language and the cultural aspects.

COURSE TITLE: SPANISH IV
GRADE LEVEL: 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7150 (1ST SEM.), 7155 (2ND SEM.)
PREREQUISITE: SPANISH III OR WRITTEN TEST

Historical events and classic literature will be covered with a focus on Hispanic authors. Compositions and articles will be written in Spanish; with an emphasis on collaborative projects (i.e.: making a movie in Spanish, using computers for compositions, research, etc.) this course will make extensive use of references, which develop subjunctive tenses in its research projects.

COURSE TITLE: AMERICAN SIGN LANGUAGE I
GRADE LEVEL: 9, 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7160 (1ST SEM.), 7165 (2ND SEM.)

This course is designed to provide basic knowledge of American Sign Language. This will include manual alphabet, basic sign vocabulary, linguistic and grammatical aspects and an introduction to the culture and history of deafness.

COURSE TITLE: AMERICAN SIGN LANGUAGE II
GRADE LEVEL: 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7170 (1ST SEM.), 7175 (2ND SEM.)
PREREQUISITE: AMERICAN SIGN LANGUAGE I

In this course students will continue skill building in the use of American Sign Language. This will include receptive and expressive skill building, linguistic and grammatical components and expansion of sign language vocabulary.

COURSE TITLE: ADVANCED AMERICAN SIGN LANGUAGE
GRADE LEVEL: 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7106 (1ST SEM.), 7107 (2ND SEM.)

PREREQUISITE: AMERICAN SIGN LANGUAGE I AND AMERICAN SIGN LANGUAGE II (WITH A GRADE OF C OR BETTER)

Students will continue with the principles, methods and techniques of American Sign Language, with an integration of ASL expressive and receptive skills. This will include vocabulary expansion, idioms, ASL grammar and linguistics and cultural knowledge of ASL.

COURSE TITLE: ADVANCED AMERICAN SIGN LANGUAGE II
GRADE LEVEL: 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7108 (1ST SEM.), 7109 (2ND SEM.)
PREREQUISITE: ASL I, ASL II, ADV. S.L. (WITH GRADE OF C OR BETTER)

This course is designed to enrich the principles, methods and techniques of American Sign Language, with an integration of American Sign Language expressive and receptive skills. This will include vocabulary expansion, idioms, American Sign Language grammar and linguistics and cultural knowledge of American Sign Language.

PHYSICAL EDUCATION/HEALTH

The Physical Education department believes that all students should learn and participate in games, sports and activities that can be used as entertainment and activity throughout their lives. We place an emphasis on these lifetime activities. Instruction will be given involving fundamental skills unique to the sports, games and activities involved. Historical information will be given as to the origins of these activities, and rules of the games will be discussed and learned. Written tests will be used to assess student knowledge, and skill tests will be given to assess each student's ability in the specific activity. Daily participation is necessary, and required, for these classes. Students must change into appropriate activity related P.E. clothes daily or risk being dropped because of lack of participation. Because of the nature of these courses students are also encouraged to shower after the day's activity.

COURSE TITLE: HEALTH, FITNESS AND NUTRITION
GRADE LEVEL: 10
TYPE OF COURSE: REQUIRED – (1 SEMESTER)
COURSE NUMBER: 5130 (1ST SEM.), 5145 (2ND SEM.)
PREREQUISITE: NONE

This course will cover a variety of topics dealing with a person's mental, social and physical health. It will include a combination of physical conditioning, team sports, individual sports. Instruction will also include the use of health books, videotapes, lectures, group activities, guest speakers and other teaching tools that will enhance the educational experience that lead to a healthy lifestyle. Course work will include personal health and hygiene, goal setting and problem-solving skill development, positive self-esteem development, nutrition, substance abuse, human sexuality, and emotional health related activities.

COURSE TITLE: TEAM AND INDIVIDUAL SPORTS
GRADE LEVEL: 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7520 (1ST SEM.), 7521 (2ND SEM.)

PREREQUISITE:**PASSING GRADE IN PASSING GRADE IN
HEALTH, FITNESS & NUTRITION**

Students enrolled in this class will engage in a variety of team and individual sports and activities. Students will perform basic skills and learn official rules needed for effective participation. Activities MAY include volleyball, basketball, softball, wiffleball, floor hockey, team handball, table tennis, tennis, badminton, fundamental skills of golf and others. *This course may be repeated for credit.*

COURSE TITLE:**WEIGHT AND AEROBIC TRAINING****GRADE LEVEL:****9, 10, 11, 12****TYPE OF COURSE:****ELECTIVE****COURSE NUMBER:****5170 (1ST SEM.), 5175 (2ND SEM.)****PREQUISITE:****PASSING GRADE IN HEALTH, FITNESS & NUTRITION**

Comprehensive strength training with focus on Olympic lifting and sports specific conditioning class designed to improve a student's athletic abilities including muscular strength, power, agility, endurance, speed and flexibility.

This course will cover Weight Room safety, proper activity related stretching, aerobic conditioning activities and proper lifting techniques. Students will research various weight lifting and aerobic programs. They will then incorporate that research into an individualized weight training program directly related to the weight training and conditioning goals they set. Also students will learn some basics of the skeletal and muscle systems and how they apply to their overall weight training and conditioning programs. *This course is recommended for the student-athlete. This course may be repeated for credit.*


VISUAL ARTS

The Visual Arts program will utilize the Arizona Visual Art State Standards for the basic structure of the art course. These art courses are designed to develop high-level thinking skills, art related technical skill, art criticism, art history and aesthetics.

COURSE TITLE:**ART I****GRADE LEVEL:****9,10,11,12****TYPE OF COURSE:****ELECTIVE****COURSE NUMBER:****7810 (1ST SEM.), 7815 (2ND SEM.)****PREREQUISITE:****NONE****FEE:****\$10.00**

This course is a decision-making and problem solving class designed to introduce the students to the basic concepts and fundamentals of creating, looking at, and critiquing art. Students will create art through a variety of techniques for drawing, painting and crafting with different assignments. Looking at art from the past and present and from different cultures the students will develop aesthetic skills. Students will learn to use art criticism to describe, analyze, interpret, and judge works of art with an educated eye. Written responses of the process of discussing and developing artwork will be utilized as an intricate part of the art experience.

COURSE TITLE:**ART II****GRADE LEVEL:****10, 11, 12****TYPE OF COURSE:****ELECTIVE****COURSE NUMBER:****7820 (1ST SEM.), 7825 (2ND SEM.)**

PREREQUISITE: FULL YEAR OF ART I
FEE: \$10.00

This is a continuation of Art I. Students are encouraged to further develop their creative endeavors through the assignments, art history, and connection of their constructed and natural world around them. A portfolio of completed artwork will be required.

COURSE TITLE: ART III-IV
GRADE LEVEL: 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7830 (1ST SEM.), 7835 (2ND SEM.)
7840 (1ST SEM.), 7845 (2ND SEM.)
PREREQUISITE: ART I AND ART 11, and/or SPECIAL PERMISSION FROM
THE INSTRUCTOR
FEE: \$10.00

This course is designed for those students with exceptional abilities who desire to continue art, and/or with an ambition for a future in the art field. A portfolio of completed artwork will be required.

ADVANCE PLACEMENT STUDIO ART: Teacher must recommend student.

Students at ART III-IV course level can apply for Advance Placement. The student must develop a portfolio with 24 to 29 completed pieces of quality artwork and written statements before the end of the school year. A student must be self-motivated in order to create these works of art and written statements for this program. The student in Advance Placement Art will be evaluated by sending the artwork and written statements to the national Advancement Placement Board. The classroom teacher will be a guide through the developing process not the assessor for the AP qualifying.

COURSE TITLE: AP Studio Art 2D Design
GRADE LEVEL: 11, 12 (OR TEACHER RECOMMENDATION)
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7880 (1ST SEM.), 7885 (2ND SEM.)
PREREQUISITE: TEACHER RECOMMENDATION
FEE: \$10.00
CREDITS: .5 WEIGHTED PER SEMESTER

COURSE TITLE: AP Studio Art 3D Design
GRADE LEVEL: 11, 12 (OR TEACHER RECOMMENDATION)
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7887 (1ST SEM.), 7888 (2ND SEM.)
PREREQUISITE: TEACHER RECOMMENDATION
FEE: \$10.00
CREDITS: .5 WEIGHTED PER SEMESTER

COURSE TITLE: AP Studio Art Drawing
GRADE LEVEL: 11, 12 (OR TEACHER RECOMMENDATION)
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7870 (1ST SEM.), 7875 (2ND SEM.)
PREREQUISITE: TEACHER RECOMMENDATION
FEE: \$10.00

CREDITS:

.5 WEIGHTED PER SEMESTER

PERFORMING ARTS

COURSE TITLE: BEGINNING BAND
GRADE LEVEL: 9, 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7723 (1ST SEM.), 7724 (2ND SEM.)
PREREQUISITE: NONE

Beginning music students will gain an understanding of music from a fundamental level. Students will learn how to read music, and master the basics of their individual instruments. If a student has never played before they **MUST** be a member of this class.

COURSE TITLE: CONCERT BAND
GRADE LEVEL: 9, 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7743 (1ST SEM.), 7744 (2ND SEM.)
PREREQUISITE: Prior playing experience required or participation in beginning band.

Students will learn and perfect performance on wind and percussion instruments in various ensemble settings according to instrumentation. Students will be required to perform at two annual concerts in the winter and the spring. Students will be expected to practice skills outside of the classroom. In the fall, members of the Concert Band form the Marching Band and perform at all home games.

COURSE TITLE: CONCERT CHOIR
GRADE LEVEL: 9, 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7753 (1ST SEM.), 7754 (2ND SEM.)
PREREQUISITE: NONE

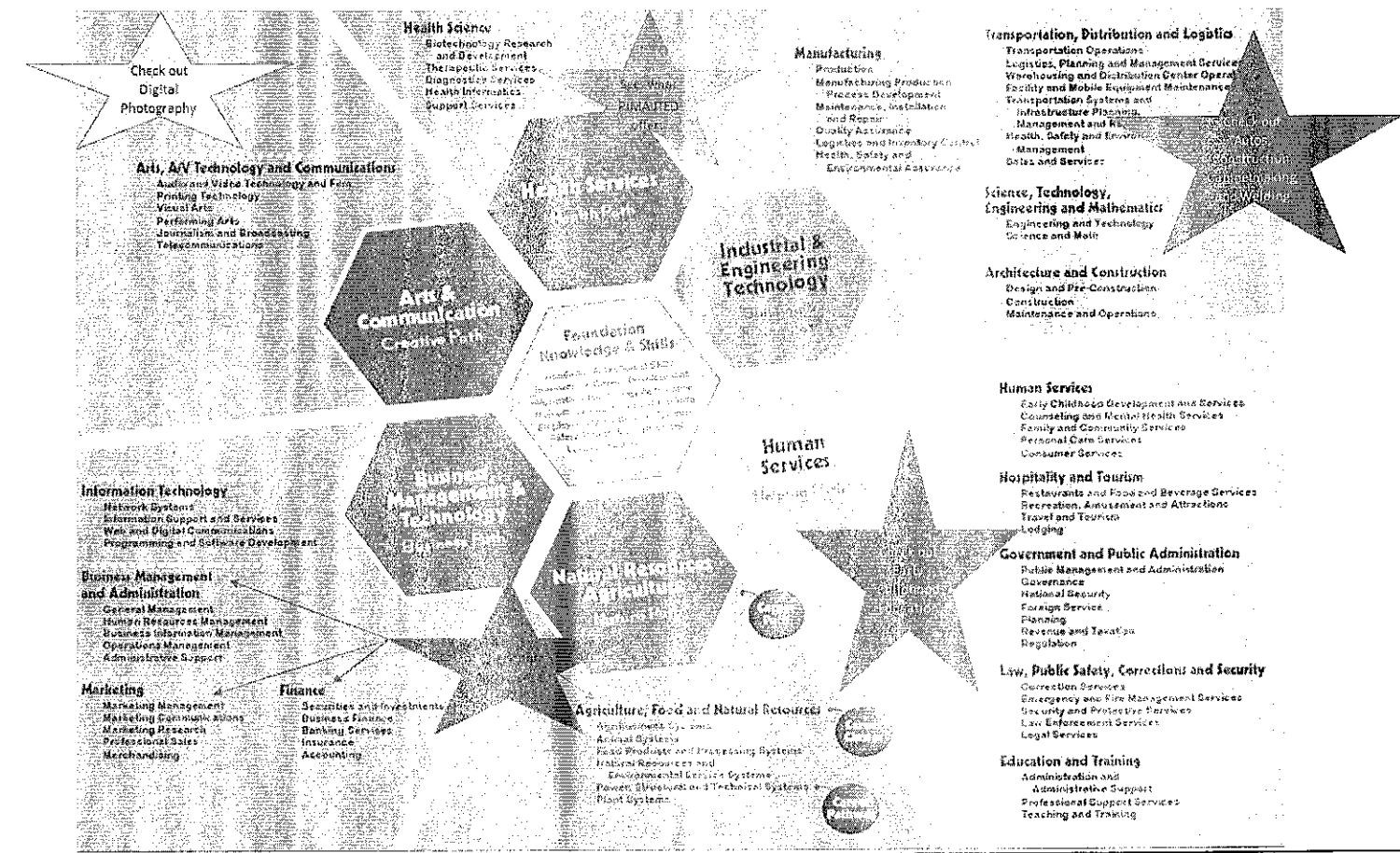
Male and female choir members will learn the specific skills needed to sing confidently in a choir setting. Students may be asked to sing in small groups for rehearsal purposes. Students will be required to sing at at least two annual concerts and the potential exists for trips and festivals.

COURSE TITLE: BEGINNING DANCE
GRADE LEVEL: 9, 10, 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 7761 (1ST SEM.), 7762 (2ND SEM.)
PREREQUISITE: NONE

Do you often find yourself listening to songs and dancing around the house? Do you dream of performing on stage in New York City? Do you want to learn to express yourself through rhythm and music? If you said YES to any of these questions, then Beginning Dance is just the course for you! Not only does dance help develop muscles, tone the body, and improve balance and coordination, dance is a BLAST! In this course, students will...

- Learn basic history, terminology, and techniques in ballet, tap, modern dance, and various forms of jazz dance
- Experience improvisation
- Develop performance skills
- Perform on stage

CAREER AND TECHNICAL EDUCATION





CABINETMAKING 48.0703.00



- Learn the basics of woodworking including job planning, material layout, cutting, shaping, assembling and finishing of wood pieces
- Work toward certification in OSHA 10 Construction
- Explore Woodworking Careers
- Create a Professional Woodworking Project
- Participate in Skills USA

Cabinetmaking I
48.0703.13

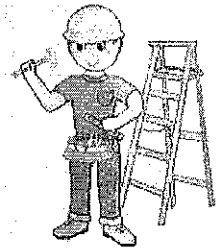
- Grades: 9-11
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: N/A
- Fee: \$10

Cabinetmaking II
48.0703.40

- Grades: 10-12
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: Cabinetmaking I
- Fee: \$10

Cabinetmaking Internship
48.0703.72

- Grades: 11-12
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: Cabinetmaking II



CONSTRUCTION TECH 46.0400.20



- Learn basic construction safety, construction techniques, construction math, and reading blueprints
- Work toward certification in OSHA 10 Construction
- Explore Construction Careers
- Participate in Skills USA

Construction I
46.0400.11

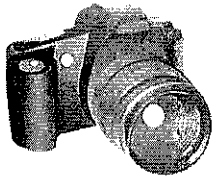
- Grades: 9-11
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: N/A

Construction II
46.0400.20

- Grades: 10-12
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite:

Construction Internship
46.0400.70

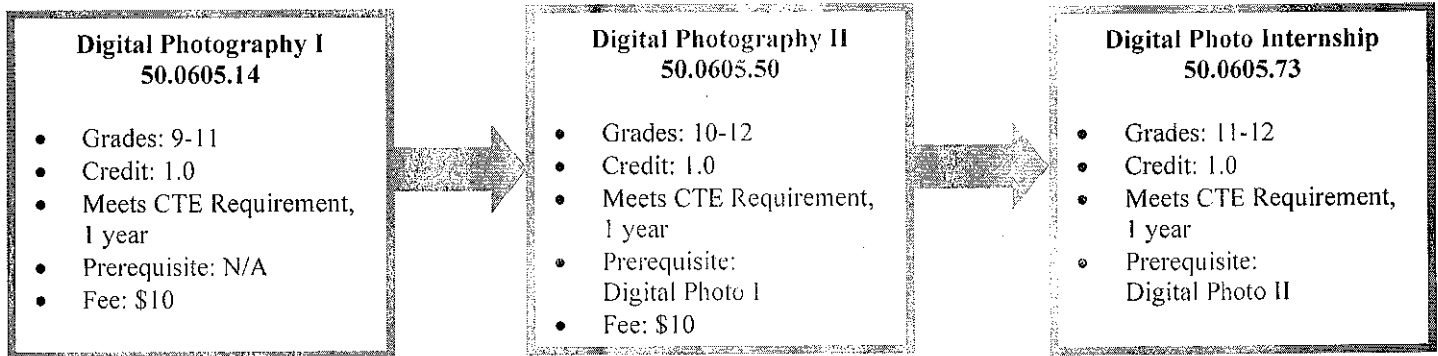
- Grades: 11-12
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite:



DIGITAL PHOTOGRAPHY 50.0605.00



- Learn the basics of Photography and Digital Imaging
- Work toward certification in Adobe Photoshop and InDesign
- Explore Photographic Careers
- Create a Professional Entry Level Portfolio
- Participate in FBLA



Early Childhood Education 13.1210.00



- Learn about the continuum of physical, sensory, social, emotional, cognitive, language, and literacy development of children, prenatal through 8 years of age
- Design activities, environments and curriculum to promote young children's overall development including good health, nutrition, creativity, confidence, and family engagement
- Master effective classroom management and professionalism by volunteering in a classroom with young children
- Work toward Praxis Paraprofessional certification to work in a state certified Preschool
- Earn a Food Handler's License
- Earn an Early Childhood Professional Development Certificate
- Explore careers in Early Childhood Education

- Participate in EdRising

**Early Childhood Edu I
13.1210.10**

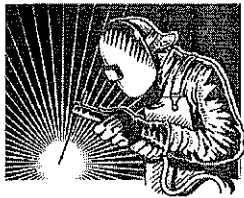
- Grades: 10-11
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: Proof of antoux TB skin test results and Tetanus w/Pertussis vaccination must be provided by program start; students over the age of 18 must be fingerprinted
- Dual Enrollment: ECE 110 Health, Safety & Nutrition (3 credits) and ECE 105 Foundations of Early Childhood Education (3 credits) – Central AZ College
- Fee: \$25

**Early Childhood Edu II
13.1210.20**

- Grades: 11-12
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: Early Childhood Edu I; Proof of antoux TB skin test results and Tetanus w/Pertussis vaccination must be provided by program start; students over the age of 18 must be fingerprinted
- Dual Enrollment: ECE 116 Effective Interactions and Guidance (3 credits) and ECE 271 Creating Early Childhood Environment (3 credits) – Central AZ College
- Fee: \$25

**Early Childhood Internship
13.1210.70**

- Grades: 12
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: Early Childhood II; Proof of antoux TB skin test results and Tetanus w/Pertussis vaccination must be provided by program start; students over the age of 18 must be fingerprinted



WELDING TECHNOLOGIES 48.0508.00



- Learn basic welding safety, reading blueprints, cutting processes, and welding processes including shielded metal arc, gas metal arc, flux core arc, and gas tungsten arc.
- Work toward certification in SMAW or GMAW 1G, 2G, 3G, 4G
- Explore Welding Careers
- Participate in FFA

**Welding Technologies I
48.0508.10**

- Grades: 9-11
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: N/A
- Fee: \$10

**Welding Technologies II
48.0508.20**

- Grades: 10-12
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: Welding Tech I
- Fee: \$10

**Welding Tech Internship
48.0508.70**

- Grades: 11-12
- Credit: 1.0
- Meets CTE Requirement, 1 year
- Prerequisite: Welding Tech II



AGRISCIENCE 01.0000.00 ^{PIMA} JTED ^{Enhanced}

- Learn about soils, plant science, food science, agribusiness, ag mechanics, animal and veterinary science
- Work toward industry certifications including Bayer Crop Science, Ducks Unlimited Ecology, Elanco Animal Science and many more
- Explore careers in the Agriculture Industry
- Complete a professional entry level Portfolio
- Participate in FFA

AgriScience I
01.0000.10

- Grades: 9
- Credit: 1.0
- Meets CTE Requirement ½ year, Meets Biology Requirement ½ year
- Prerequisite: N/A
- Fee: \$10

*S1-700
S2-300*

AgriScience II
✓01.0000.20

- Grades: 10
- Credit: 1.0
- Meets Biology Requirement ½ year, Meets CTE Requirement ½ year
- Prerequisite: AgriScience I
- Fee: \$10

*S1-300-
S2-300-700*

AgriScience III
01.0000.25

- Grades: 10-11
- Credit: 1.0
- Meets Lab Science or CTE Requirement 1 year
- Prerequisite: AgriScience II or concurrent in AgII
- Dual Enrollment: ANS 226 Feeds and Feeding (3 credits) and ANS 101 Animal Industry (3 credits) – Central AZ College
- Fee: \$10

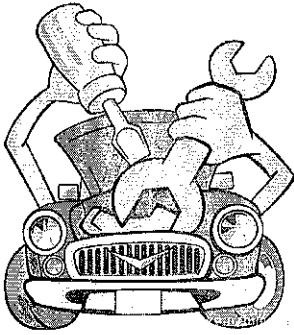
*S1-300
S2-300*

AgriScience IV
01.0000.30

- Grades: 11-12
- Credit: 1.0
- IV Meets Lab Science or CTE Requirement 1 year
- Prerequisite: AgriScience III
- Dual Enrollment: ANS 220 Artificial Insemination (3 credits) – Central AZ College
- Fee: \$10

AgriScience Internship
10.0000.70

- Grades: 12
- Credit: 1.0
- Meets CTE Requirement 1 year
- Prerequisite: AgriScience IV

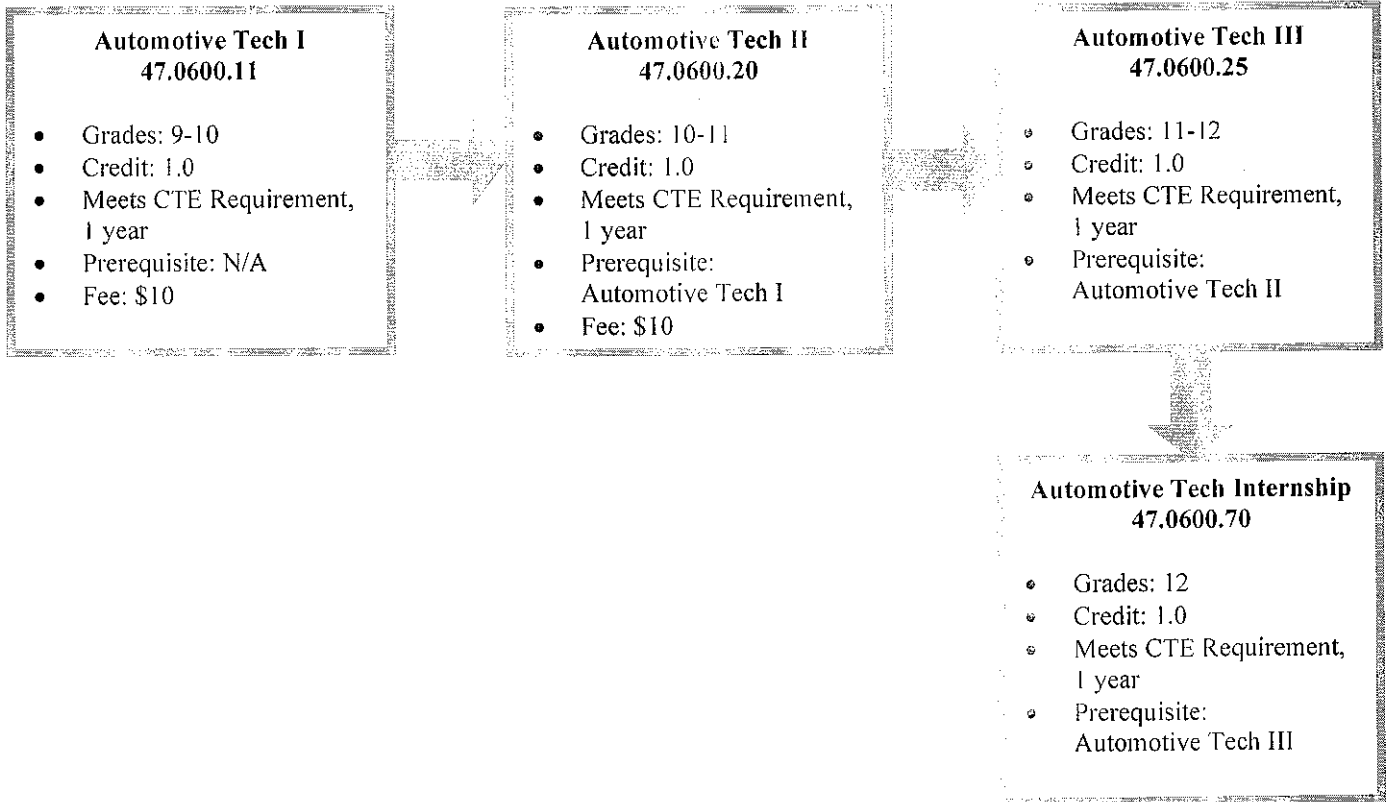


AUTOMOTIVE TECH 47.0600.20



PIMA
JTED Enhanced

- Learn basic safety, adjustment, maintenance, part replacement, and repair of tools, equipment and machines
- Work toward ASE certifications
- Explore Automotive Technology Careers
- Participate in FFA





Pima County Joint Technological Education District (JTED)

Pima JTED offers articulated college-level courses and the opportunity for industry certifications in some program areas, as well as the opportunity to work at an advanced level in a variety of career areas. MSMUSD CTE is a participating district and offers Pima JTED enhanced courses. JTED Provides access to state-of-the-art equipment and training programs in a variety of career areas.

These courses take place at off - campus locations and meet after school. Most of these courses meet twice per week; however, some courses meet every day, on the weekend, and some have prerequisite course requirements. Students that want to take these courses will be awarded elective credit only (credits awarded vary by course). Please speak with our JTED counselor about signing up.

CENTRAL JTED PROGRAMS OFF CAMPUS JTED COURSES – At this time you will be responsible for your own transportation.

2855 W. Master Pieces Drive
Tucson, AZ

Students must complete online registration for these classes at pimajted.org.

For a complete listing of courses or more information Please call Pima County JTED at 325-JTED (5833).

Some of these JTED courses include:

3D Animation and Game Design (10th-12th)

Agriscience

Animation

Automotive Technologies

Aviation Technology (11th-12th)

Aviation Technologies

***Certified Caregiver [Prerequisite: Healthcare Foundations (11th)]**

***Cosmetology**

Culinary Arts (10th-12th)

Electrical Utilities Technologies (12th)

Emergency Medical Technician

Fire Science

Graphic/Web Design

Healthcare Foundations

Healthcare Information Technology

Heavy Equipment/Site Construction (11th-12th)

Information Technology

Law, Public Safety & Security

***Licensed Nursing Assistant (12th) [Prerequisite: Healthcare Foundations (11th)]**

***Medical Assistant (12th) [Prerequisite: Healthcare Foundations (11th)]**

Physical Therapy Aide (11th-12th) [Prerequisite: Healthcare Foundations (11th)]
Precision Manufacturing (11th-12th)
Veterinary Assistant (11th-12th)

OTHER ELECTIVES

COURSE TITLE: PEER TUTOR
GRADE LEVEL: 11, 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 8160 (1ST SEM.), 8165 (2ND SEM.)
PREREQUISITES: TEACHER RECOMMENDATION, B or better in assigned class

A student will assist in teaching, peer tutoring, and grading of course work in which the student has shown prior excellence. This class requires successful completion of previous course work for the proposed teacher. Students must seek teacher's permission to be a peer tutor for their class. Applications may be picked up in the Counselors' Office.

COURSE TITLE: TEACHER'S AIDE/OFFICE AIDE/COUNSELOR AIDE
GRADE LEVEL: 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: TEACHER - 8110 (1ST SEM.), 8115 (2ND SEM.)
OFFICE - 8120 (1ST SEM.), 8125 (2ND SEM.)
COUNSELOR - 8140, (1ST SEM.), 8145 (2ND SEM.)
PREREQUISITE: SUCCESSFUL COMPLETION OF THE COURSE YOU WILL ASSIST (FOR TEACHER'S ASSISTANT); TEACHER RECOMMENDATION

This position is designed to help students develop responsibility, initiative, and organization while working with a teacher or other staff members. Attendance and promptness are extremely important. This is a credit/non-credit course and will not be included in a student's GPA. The student may assist in the following areas: Word processing, filing, tutoring, using office equipment, greeting people, answering the telephone, grading papers, setting up labs, cleaning up and other duties assigned by the supervisor. Assistants are needed in these areas: Administration offices, classrooms, media center and counselors' office. Students must apply for these positions, and the selection will be made of assistants by the supervisor. Applications may be picked up in the Counselors' Office.

COURSE TITLE: LIBRARY AIDE
GRADE LEVEL: 12
TYPE OF COURSE: ELECTIVE
COURSE NUMBER: 8130 (1ST SEM.), 8135 (2ND SEM.)
PREREQUISITE: LIBRARIAN RECOMMENDATION

This course is recommended for the mature student who wants both academic and practical work experience in library procedures and skills. Students will become knowledgeable in many phases of library work, use electronic tools to assist students in finding information and checking out materials, shelving books, and keep facilities and shelves in good order. Students will read a variety of literature and are expected to produce written reviews. Entrance to this course may be at the beginning of either semester with permission from the librarian. Applications may be picked up in the Counselors' Office.