

Maricopa High School

Course Catalog

2016 - 2017



REGISTRATION INFORMATION

Your decisions regarding course selection for the 2015-2016 school year are important. This catalog provides the course descriptions and other pertinent information you need to make informed choices. Review the course offerings with your parents, teachers, and counselor before making your decisions.

Read the course descriptions carefully. When a prerequisite is listed or recommended, check to be sure you have completed it. The completion of these prerequisites is a necessity for success in these courses.

Make sure that you know your credit status and the actual courses for which you have already received credit. Don't hesitate to ask for help and information from your teachers and counselors. Confirm the entrance requirements for college and vocational training. With this information in mind, you will be able to make correct choices from the curriculum offerings.

GUIDANCE DEPARTMENT

As part of the educational team, the counselors work in a variety of capacities to assist each student with academic advisement and counseling needs. Students are assigned to a counselor based on the first letter of their last name, but they may select any counselor to discuss personal/social issues. Students are strongly encouraged to take advantage of the many services offered through the guidance department. Students may sign up for an appointment in the guidance office before school, after school, or during lunch.

Academic advisement includes guidance for appropriate placement, ability assessment, course selection, and development of their Education Career Action Plan (ECAP) to establish future career and/or college goals. Whether students choose a career that requires an apprenticeship, technical training, or a college degree, the Career Center is designed to assist students with the exploration of careers and corresponding education requirements.

Assessments are available for academic placement, scholastic achievement, career interest, vocational aptitude, merit scholarships, college admission, and military advisement. Students should check with a counselor for information about the Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT), American College Test (ACT), Scholastic Aptitude Test (SAT), Armed Service Vocational Aptitude Battery (ASVAB) Career Inventory, AZ Merit, and Science Arizona Instrument Measurement Standards (AIMS).

Scholarship and financial aid information are available in print and online. Students should make an appointment to meet with their counselor to review application procedures, sources of financial aid, and individual requirements.

GRADE LEVEL

Grade levels are determined by entry year cohorts, not by credits.

LATE ENROLLMENT

If you are an incoming student without transfer grades from the current semester, the following guidelines apply:

SCHOOL	GUIDELINE
	may enroll. The student will be responsible for making up missed class work.
n	may enroll. Credit for class will be at the discretion of the teacher.
30th day	will enroll on an audit basis with no credit earned.

MINIMUM CLASS LOAD REQUIREMENTS

All 9th, 10th and 11th grade students must enroll in six periods per day. Twelfth grade students may enroll in fewer than six, but must maintain a minimum of four classes, provided they are on track for graduation. Twelfth grade students who wish to have late start or early release must be current in credits.

SCHEDULE CHANGES

All schedule changes should be completed within the first two weeks of the semester. Parent and administrative permission may be required for schedule change. If a student drops a class after the tenth day of school, they will receive a grade of "Withdrawal Failing" (WF) on their transcript which will make the student ineligible for extra-curricular activities unless an exception is made for medical reasons. Schedule changes will not be granted based on teacher or lunch preference. Schedule change requests are not guaranteed.

GRADUATION REQUIREMENTS

- In order to graduate from a public high school in Arizona, in addition to the minimum credit requirements shown below, students must complete an Education Career Action Plan (ECAP). This process is started with our freshmen in their College, Career and Technology class and reviewed annually with counselors.

Please visit www.ade.az.gov to view graduation requirements.

	AZ State Mandated	Maricopa High School	Arizona University Requirements
COURSES			
English	4	4	4
Math	4	4	4
Science	3	3	3 Lab Science
Social Sciences			
--World Studies	1	1	
--US American History	1	1	1
--American Government	0.5	0.5	0.5
--Economics	0.5	0.5	0.5
Physical Education		0.5	
Fine Arts	1 Fine Arts or 1 CTE	1 Fine Arts or 1 CTE	1
Foreign Language			2
Career & Technical Education	1 Fine Arts or 1 CTE	1 CTE or 1 Fine Arts	
Electives	7	6.5	6.5
Community Service			
Total	22	22	22

TEST FOR CREDIT

Arizona state law allows for students to test for credit. There are comprehensive testing procedures for each non-performance class (Dance, P.E., Band, Choir, etc. are considered performance classes. Science, Math, English, etc. are considered non-performance classes). Students may request to test for credit through the Guidance Department. Students who pass the test will receive a "P" for a passing grade on their transcript, which will be excluded from their GPA. Student may not have taken class prior to testing for credit. *All students testing for credit require administrative approval.

CLASSES TAKEN A SECOND TIME

All classes taken for a second time, whether for credit recovery or for an improved grade, must be approved by a guidance counselor. When a class is taken for the second time and is *not* a class that can be repeated for credit, the highest grade will be included in the GPA calculations; however, both classes will be listed on the transcript.

IN-STATE UNIVERSITY ENTRANCE REQUIREMENTS

Arizona State University, Northern Arizona University, and University of Arizona require an applicant meet certain admission requirements, which can be found at the following websites:

Arizona State University - <http://students.asu.edu/undergraduate-admission>

Northern Arizona University - <http://home.nau.edu/admissions/apply/>

University of Arizona - <https://admissions.arizona.edu/requirements/Default.aspx>

All Arizona Department of Education requirements and mandates are included in the Maricopa High School graduation requirements. Please note that admission requirements are subject to change.

ARIZONA BOARD OF REGENTS COURSE REQUIREMENTS

4 Years English

4 Years Mathematics (to include Algebra I, Geometry, and Algebra II)

3 Years Lab Science

2 Years Social Studies including one year of American History

2 Years Foreign Language in the same language

1 Year Fine Arts

IN-STATE COMMUNITY COLLEGE ENTRANCE REQUIREMENTS

The entrance requirement for community colleges in Arizona is a high school diploma or a Graduation Equivalency Diploma (GED) certificate.

OUT-OF-STATE COLLEGE AND UNIVERSITY ENTRANCE REQUIREMENTS

Entrance requirements vary according to each college and university. Check the institution websites or the school catalogs located in the Maricopa High School Counseling Office for information regarding out-of-state colleges/universities.

Please note that college-bound students planning to attend four-year colleges or universities should make sure that their courses fulfill admission requirements. If you plan to attend an out-of-state college or university, contact the individual college for specific entrance requirements.

Students are encouraged to take advantage of the course offerings at Maricopa High School and enrich their learning experience by taking a full course load each year. Seniors on track for graduation may shorten their class load to a minimum of four classes with parental permission.

GRADING SCALE

Grades at Maricopa High School are based on the following:

Letter Grade	Percentage	Regular Points
A	90-100	4.0
B	80-89	3.0
C	70-79	2.0
D	60-69	1.0
F	0-59	0.0

CLASS RANKING

Rank in class is required by colleges and universities on transcripts submitted for entrance evaluation. Class rank shall be determined as follows:

- Class ranking will be determined each semester beginning with the first semester of the ninth grade.
- Class rank will be based only on the grades earned in regular education classes that meet or exceed graduation requirements.
- Total grade points begin accumulating with the ninth grade.
- The grade point average (GPA) will be computed by:
 - a. Assigning the following point values to corresponding letter grades:
 - b. Un-Weighted Classes Honors/AP Classes

Un-Weighted Classes

A = 4 points
B = 3 points
C = 2 points
D = 1 point
F = 0 points

Honors/AP Classes

A = 5 points
B = 4 points
C = 3 points
D = 2 points
F = 0 points

- c. Totaling the points
 - d. Dividing by the number of classes completed whether passed or failed
 - e. Grades awarded for administrative assistant and other service type credit awarded for non-class service will not be computed in the GPA
- For students transferring to Maricopa High School from another school, weighted credit will only be granted for Honors and Advanced Placement (AP) Courses that are also offered at the District and are clearly marked on their transcript as Honors or AP Courses.

SPECIAL PROGRAMS

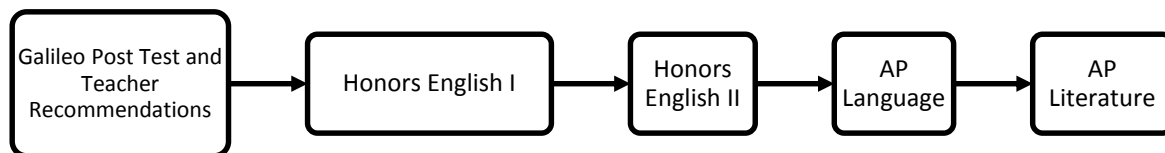
Advanced Placement Program (AP)

Advance Placement (AP) is a program of college level courses and exams that give students the opportunity to earn college credit while in high school. AP courses are offered in Art, English, Math, Modern Language, Science, and Social Studies. ***The test fee is approximately \$92.00 per test and must be paid at the time of test registration (early spring).*** Students receiving free and reduced lunch can qualify for assistance with test fee. The testing occurs in May, with the test results mailed to the students and schools in July. Individual colleges may grant college credits based on the results of each test. Students should, however, verify with the college or university of their choice for details.

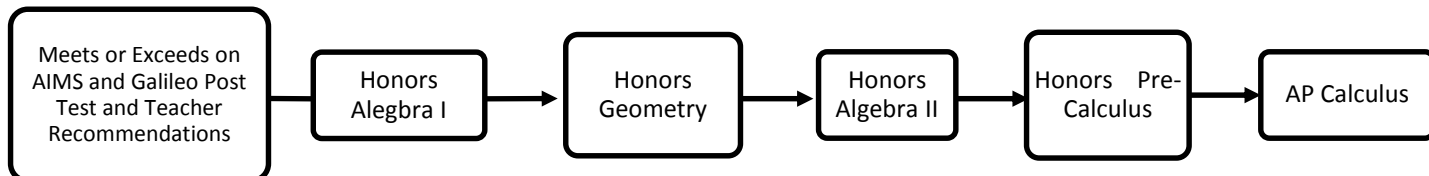
Art Honors / AP Track



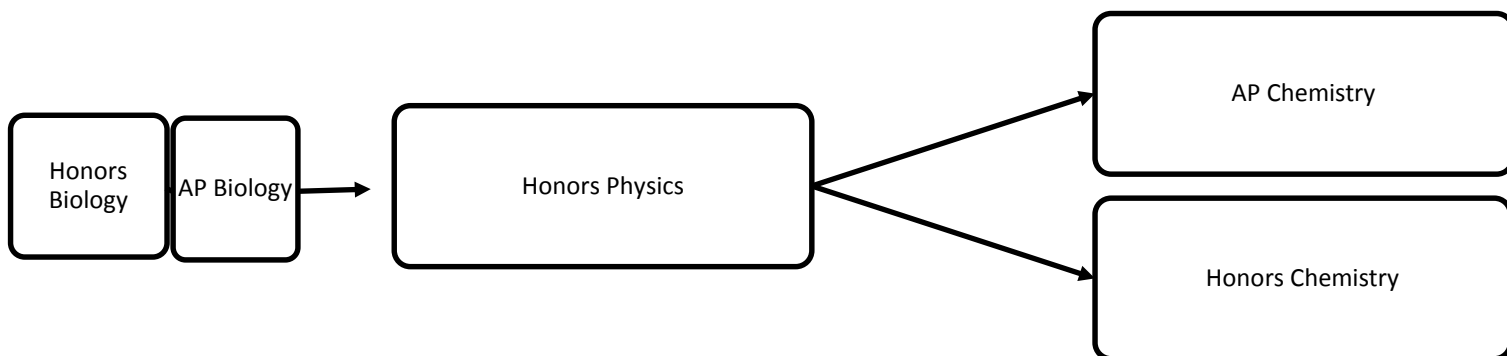
English Honors / AP Track



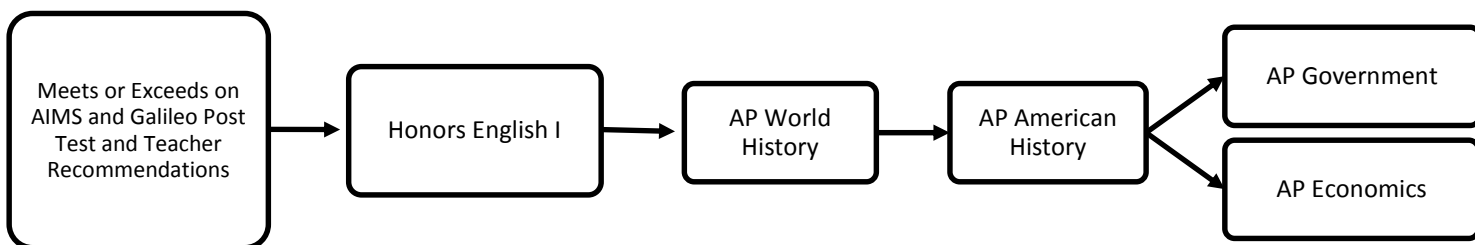
Math Honors / AP Track



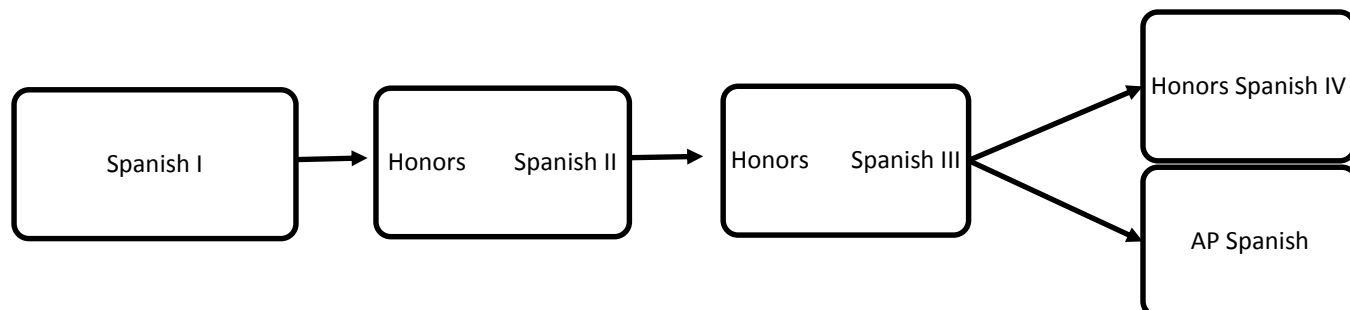
Honors / AP Track



Social Studies Honors / AP Track



Spanish Honors / AP Track



Career and Technical Education

The Career and Technical Education (CTE) program is designed to address the knowledge, skills, and behaviors all students need to live, plan, and work successfully in today's society. The program consists of two parts, Career Exploration and Career Preparation. Career Exploration, now included in the College, Career & Technology class, engages students in problem solving, critical thinking, leadership building and teamwork activities and provides opportunity to learn the foundational skills in information technology, organizational systems, ethics and legal responsibilities, as well as health and safety. Career Preparation matches students in grades 10 through 12 to a sequence of courses that leads to the completion of industry-validated assessments and certifications. Students in each program participate in Career Technical Student Organizations (CTSO) and develop student-based enterprises where they gain practical experience in the application of the skills gained in their respective classes. Courses are offered on both the Maricopa High School and our Joint Technical Education District School, Central Arizona Valley Institute of Technology (CAVIT), campuses.

Credit Recovery

Students may enroll in MUSD credit recovery if they failed a course and are enrolled in Maricopa Unified School District.

1. The student completes the Credit Recovery program application and turns it in to Guidance Department with a parent signature.
2. Guidance confirms prior course enrollment and failing grade to ensure appropriateness of request.
3. A conference is scheduled with the guidance counselor and student to discuss the program and expectations. Course requirements such as: computer assignments and notebook requirement for units not mastered (All students must complete a notebook.) Mastery-testing (75% mastery required). Grade for completion of units (See Section III below.) Participation/Pacing All mastery tests must be taken at school with the instructor.
4. Students may not take more than two Credit Recovery courses at the same time.
5. Guidance Counselors will be responsible for enrolling students in PLATO courses. If a student has completed a course, the credit recovery teacher should notify the guidance department of completion and the counselor should then set up a meeting with the student to determine further enrollment in credit recovery.

Dual Enrollment with Community Colleges

Central Arizona Community College and Maricopa Community Colleges offer dual enrollment for juniors and seniors in good standing. Maricopa High School will work with students who wish to earn concurrent credit for classes taken in community colleges as per ARS 15-701.01. The principal or his designee must approve all courses used for dual credit before students enroll at the community college. Contact your counselor for details and availability.

First Step and Early College Program at Central Arizona College (CAC)

Central Arizona College's Early College program is an academic program that gives high school students an opportunity to get an early start in college by taking courses while still enrolled in high school. Students must be enrolled in four high school classes to participate in the Early College Program. Students accepted into the Early College program receive a tuition scholarship from Central Arizona College. The tuition scholarship covers regular in-state tuition. Students are responsible for the purchase of textbooks, class materials, and for their own transportation to and from campus. * First Step is offered during summer session.

English Transition

English transition is provided for students with Limited English Proficiency (LEP). The program offers from one to four-hour blocks of instruction that complement other course work in required and elective courses. LEP students are tested for proper placement in this program.

Arizona Interscholastic Association (AIA) Domicile Rule

If you are entering 9th grade for the first time or moving into the Maricopa Unified School District, you are eligible to participate in AIA governed activities such as athletics, chess, cheer, or speech and debate, provided you qualify under all other eligibility rules. Please see the Athletic Director for more information.

If you are transferring into Maricopa High School under open enrollment provisions (living outside the district) you are eligible in the activities you did not participate in during the previous twelve months. For special situations see the Athletic Director.

Exceptional Student Services (Special Education)

Maricopa High School provides a variety of exceptional student services to both gifted and disabled students. Programs exist to assist academically talented students as well as those students with disabilities with emotions and/or learning. A career and technical program complements these special programs by providing prevocational job skills/training. Special services such as programs for the hearing impaired, visually handicapped and physically handicapped are arranged as needed.

Parents and teachers may refer students for evaluation for exceptional student services. Students may also refer themselves for evaluation if they feel they need or can benefit from the extra assistance offered. Referrals for evaluation should be made through the guidance office.

Special Education Child Find

It is the Maricopa Unified School Districts responsibility to inform the general public and all parents within our boundaries of our responsibility to make available special education services for students with disabilities aged 3 through 21 years and how to access those services. In addition, we have a responsibility to provide information regarding early intervention services for children birth through 2.6 years. We are responsible for identifying, locating, and evaluating all children with disabilities; including, children aged 3 through 21 and for referring children from birth through 2.6 years of age to Arizona Early Intervention Program (AzEIP) for evaluation and appropriate services. We are also responsible for providing a Free and Appropriate Public Education (FAPE), which includes special education and related services to children with disabilities at public expense, under public supervision and direction, and without charge to the parents. For all new students to the district, the classroom teacher will complete screening activities within 45 days of enrollment. The teacher will look at the child's ability in the areas of academics, vision, hearing, communication, social/emotional, adaptive development and motor skills. If any concerns are noted, the child may be referred for additional help.

Children, birth through 2.6 years of age, who are receiving early intervention services and will be participating in preschool programs for children with disabilities, will be assured of a smooth transition into that program. We will ensure that: transition conferences for children aged 2 years 6 months to 2 years 9 months will be held; by the child's 3rd birthday an Individualized Education Program (IEP) or Individualized Family Service Plan (IFSP) will be developed and implemented; and for the child who turns 3 during the summer, the IEP team will determine the date for services to begin, including eligibility for Extended School Year (ESY) services. Parents may review Special Education Policies and Procedures at schools and at the District Office. If you have any concerns about a child you know, please contact the Maricopa Unified School District 20 office at (520) 568-5100 for more information.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords parents and students over 18 years of age ("eligible students") certain rights with respect to the student's education records. They are:

The right to inspect and review the student's education records within 45 days of the day the District receives request for access. Parents or eligible students should submit to the school principal (or appropriate school official) a written request that identifies the record(s) they wish to inspect. The principal will make arrangements for access and notify the parent or eligible students of the time and place where the records may be inspected.

The right to request the amendment of the student's education records that the parent or eligible student believes are inaccurate, misleading or otherwise in violation of the student's privacy rights under FERPA. Parents or eligible students may ask Maricopa Unified School District to amend a record that they believe is inaccurate or misleading. They should write the school principal, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the District decides not to amend the record as requested by the parent or eligible student, the District will notify the parent or eligible student of the decision and advise them of their right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the parent or eligible student when notified of the right to a hearing.

The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception permitting disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the District as an administrator, supervisor, instructor, or support staff member (including health or medical staff and law enforcement unit personnel); a person serving on the School Board; a person or company with whom the District has contracted to perform a special task (such as an attorney, auditor, medical staff and law enforcement unit personnel); a person serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the District discloses education records without consent to officials of another school district in which a student seeks or intends to enroll. Upon request the district will provide the parent or eligible student a copy of the records sent. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the District to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

**Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5920**

The Maricopa Unified School District is committed to the policy of providing equal opportunity in all areas of student services and affirms that there shall be no discrimination against any person or persons because of race, creed, age, color, handicap, sex, religion or national origin.

In accordance with the federal regulations governing Title IX, a school district receiving federal funding must designate a responsible person to coordinate its effort to comply with and carry out the responsibilities of the legislation and regulations. The Maricopa Unified School District contact person is Superintendent, Dr. Steve Chestnut (520) 568-5100.

In compliance with the federal regulations, an employee of the Maricopa Unified School District has been officially designated by the Board as the Title IX/Section 504 coordinator: Krista Roden (520) 568-5100.

EQUAL OPPORTUNITY

It is the policy of Maricopa High School not to discriminate with regard to race, color, religion, sex, national origin, or disability. This policy shall be followed in the operation of its educational programs and activities, recruitment, admissions, employment practices and other educational services. Inquiries regarding the 2016-2017 Program of Studies may be directed to guidance office (520) 568-8100.

La Escuela Superior de Maricopa tiene como política no discriminar por causa de raza, color, religión, sexo, origen de nacionalidad, o impedimento físico. Esta política deberá ser reforzada durante las operaciones de programas y actividades educacionales, reclutamiento, admisiones, prácticas de empleo y otros servicios educativos. Preguntas acerca del Programa de Estudios 2016-2017, deberán ser dirigidas a la oficina de consejero o (520) 568-8100.



Maricopa High School

Course Catalog

Year: 2016-2017

Department: Central Arizona College

Applied Statistics A (Central AZ College) MAT4161
Grades: 11 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Graphical and quantitative description of data; binomial, normal and t distributions; one and two sample hypothesis tests and confidence intervals; simple linear regression and correlation.

Applied Statistics B (Central AZ College) MAT4162
Grades: 11 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Graphical and quantitative description of data; binomial, normal and t distributions; one and two sample hypothesis tests and confidence intervals; simple linear regression and correlation.

Biology Concepts A (Central AZ College) SCI4201
Grades: 11 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Basic principles and concepts of biology. Exploration of methods of scientific inquiry and behavior of matter and energy in biological systems. Field trips may be required.

Biology Concepts B (Central AZ College) SCI4202
Grades: 11 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Basic principles and concepts of biology. Exploration of methods of scientific inquiry and behavior of matter and energy in biological systems. Field trips may be required.

College Algebra 151 A (CAC) MAT4151
Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Fall Semester: 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. Students will obtain college credit though CAC.

College Algebra 151 B (CAC) MAT4152
Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Spring Semester: 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. Students will obtain college credit though CAC.

English 101 (Central AZ College) ENG4101
Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Study of analytical skills integral to the writing of complex arguments through the development of an original thesis, supportive ideas and advanced research. Emphasis on writing as a process of reflective cognition and revision. Students will obtain college credit though CAC.

English 102 (Central AZ College) ENG4102
Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Study of analytical skills integral to the writing of complex arguments through the development of an original thesis, supportive ideas and advanced research. Emphasis on writing as a process of reflective cognition and revision. Students will obtain college credit though CAC.

Intermediate Algebra 121 A (CAC) MAT4121
Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Fall Semester: Operations/properties of real numbers, exponents and complex numbers; factoring, solution/application of linear and quadratic equations; operations on rational and radical expressions. RDG091 is recommended. Students will obtain college credit though CAC.

Intermediate Algebra 121 B (CAC) MAT4122
Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEES: Central Arizona College Tuition - see counselor for current rates
PREREQUISITE: Central Arizona College PLACEMENT EXAM
Spring Semester: Operations/properties of real numbers, exponents and complex numbers; factoring, solution/application of linear and quadratic equations; operations on rational and radical expressions. RDG091 is recommended. Students will obtain college credit though CAC.



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Year: 2016-2017

Department: Career & Technical Education

Aerospace Science/Leadership 1-A JRO3101
Grades: 09 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Application and Instructor Approval

Fall Semester: Aerospace Science I is an aviation history course focusing on the development of flight throughout the centuries. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history.

Aerospace Science/Leadership 1-B JRO3102
Grades: 09 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Application and Instructor Approval

Spring Semester: Aerospace Science I is an aviation history course focusing on the development of flight throughout the centuries. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history.

Aerospace Science/Leadership 2-A JRO3201
Grades: 10 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Aerospace Science/Leadership I

Fall Semester: Aerospace Science II is an introductory course and customized textbook that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science related courses.

Aerospace Science/Leadership 2-B JRO3202
Grades: 10 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Aerospace Science/Leadership I

Spring Semester: Aerospace Science II is an introductory course and customized textbook that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science related courses.

Aerospace Science/Leadership 3-A JRO3301
Grades: 11 - 12 College Prep: Yes Credit: 0.500

Fall Semester: Aerospace Science III will combine Life Skills and Career Opportunities with Leadership and Principles of Management. Additionally instructions and exercises in financial planning to include budgeting. Approximately 20 percent of the time will be spent on Cultural Studies and Global Awareness, students will understanding areas of the world such as the Middle East, Asia, Africa, Russia and the former Soviet Union, Latin America and Europe

The Wellness/Physical Fitness portion will incorporate the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise program focused upon individual base line improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender. The goal of the CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives. Cadets will be given the opportunity to put into practice the wellness concepts that are taught in Leadership Education I. Students WILL wear the Air Force JROTC uniform weekly (Wednesday) and the issued PT uniform on Fridays.

Aerospace Science/Leadership 3-B JRO3302
Grades: 11 - 12 College Prep: Yes Credit: 0.500

Spring Semester: Aerospace Science III will combine Life Skills and Career Opportunities with Leadership and Principles of Management. Additionally instructions and exercises in financial planning to include budgeting. Approximately 20 percent of the time will be spent on Cultural Studies and Global Awareness, students will understanding areas of the world such as the Middle East, Asia, Africa, Russia and the former Soviet Union, Latin America and Europe

The Wellness/Physical Fitness portion will incorporate the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise program focused upon individual base line improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender. The goal of the CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives. Cadets will be given the opportunity to put into practice the wellness concepts that are taught in Leadership Education I. Students WILL wear the Air Force JROTC uniform weekly (Wednesday) and the issued PT uniform on Fridays.

Aerospace Science/Leadership 4-A JRO3401
Grades: 12 College Prep: Yes Credit: 0.500

Fall Semester: Upper class cadets manage the entire corps under AFJROTC instructor supervision. This course provides Senior Cadets the hands-on experience and the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets, under the supervision of AFJROTC instructors. They practice their communication, decision making, personal-interaction, managerial, and organizational skills.

Aerospace Science/Leadership 4-B JRO3402
Grades: 12 College Prep: Yes Credit: 0.500

Spring Semester: Upper class cadets manage the entire corps under AFJROTC instructor supervision. This course provides Senior Cadets the hands-on experience and the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets, under the supervision of AFJROTC instructors. They practice their communication, decision making, personal-interaction, managerial, and organizational skills.

Aesthetics 1-A COS3111
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$350.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Working with professional aestheticians, students will learn to deliver electrical facials, exfoliation, hair removal, and face massage techniques to improve skin health.

Aesthetics 1-B COS3112
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$350.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Working with professional aestheticians, students will learn to deliver electrical facials, exfoliation, hair removal, and face massage techniques to improve skin health.



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Year: 2016-2017

Department: Career & Technical Education

Aesthetics 2-A COS3211
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Aesthetics I
This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Building on Aesthetics I, students will perfect their technical skills regarding the delivery of electrical facials, exfoliation, hair removal, and face massages. Upon completion of this two-year program, students will be prepared for the state licensure exam, immediate employment, and further education.

Aesthetics 2-B COS3212
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Aesthetics I
This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Building on Aesthetics I, students will perfect their technical skills regarding the delivery of electrical facials, exfoliation, hair removal, and face massages. Upon completion of this two-year program, students will be prepared for the state licensure exam, immediate employment, and further education.

Automotive Technologies 1-A TRT3201
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Fall Semester. In this program students will learn how to maintain and repair domestic and foreign automobiles. The focus will be general maintenance, wheels and tire repair, and brake systems. Students will be able to perform oil change, tire rotation and tire/wheel balance.

Automotive Technologies 1-B TRT3202
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Spring Semester. In this program students will learn how to maintain and repair domestic and foreign automobiles. The focus will be general maintenance, wheels and tire repair, and brake systems. Students will be able to perform oil change, tire rotation and tire/wheel balance.

Automotive Technologies 2-A TRT3301
Grades: 11 - 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Transportation I
Fall Semester. This course will focus on advanced troubleshooting within the automotive field. Students will use hand held scanners and other computer diagnostic equipment. Students will be able to read electrical diagrams and identify open and shorts in the electrical system. Students will also be able to diagnose and repair drivability concerns. This program will also give students the skills needed to work in industry.

Automotive Technologies 2-B TRT3302
Grades: 11 - 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Transportation I
Spring Semester. This course will focus on advanced troubleshooting within the automotive field. Students will use hand held scanners and other computer diagnostic equipment. Students will be able to read electrical diagrams and identify open and shorts in the electrical system. Students will also be able to diagnose and repair drivability concerns. This program will also give students the skills needed to work in industry.

College Career & Technology A FSM3103
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Fall Semester. Students will improve organizational and communication skills, explore individual abilities and aptitudes to determine personal and career values, use the Internet to conduct career research, and learn computer and technology applications. In this course students will also design a 10-year Education Career Action Plan (ECAP) by choosing a career pathway that capitalizes on personal passion, abilities, and values.

College Career & Technology B FSM3104
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Spring Semester. Students will improve organizational and communication skills, explore individual abilities and aptitudes to determine personal and career values, use the Internet to conduct career research, and learn computer and technology applications. In this course students will also design a 10-year Education Career Action Plan (ECAP) by choosing a career pathway that capitalizes on personal passion, abilities, and values.

Cosmetology 1-A COS3101
Grades: 11 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$600.00
PREREQUISITE: CAVIT Application
This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: This course introduces students to careers in Cosmetology by preparing them to apply academic, employability and technical knowledge and skills related to common industry standards and practices.

Cosmetology 1-B COS3102
Grades: 11 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$600.00
PREREQUISITE: CAVIT Application
This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: This course introduces students to careers in Cosmetology by preparing them to apply academic, employability and technical knowledge and skills related to common industry standards and practices.

Cosmetology 2-A COS3201
Grades: 12 College Prep: Yes Credit: 2.000

PREREQUISITE: "B" or higher in Cosmetology I
This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: This course introduces students to careers in Cosmetology by preparing them to apply academic, employability and technical knowledge and skills related to common industry standards and practices.

Cosmetology 2-B COS3202
Grades: 12 College Prep: Yes Credit: 2.000

PREREQUISITE: "B" or higher in Cosmetology I
This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: This course introduces students to careers in Cosmetology by preparing them to apply academic, employability and technical knowledge and skills related to common industry standards and practices.

Culinary Arts 1-A CUL3101
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Fall Semester. This course is an introduction to Culinary Arts. Basic fundamentals will be mastered including, knife skills, basic baking, cooking methods, menu planning, and dining room experience. Students will also be introduced to dining events and competitions.

Culinary Arts 1-B CUL3102
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Spring Semester. This course is an introduction to Culinary Arts. Basic fundamentals will be mastered including, knife skills, basic baking, cooking methods, menu planning, and dining room experience. Students will also be introduced to dining events and competitions.



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Culinary Arts 2-A CUL3201
Grades: 11 - 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "C" or higher in Culinary Arts I
Fall Semester. This course is designed for students who have successfully completed Culinary Arts I. The second year program is geared toward culinary competitions, catering events, advanced techniques and gourmet cuisine.

Culinary Arts 2-B CUL3202
Grades: 11 - 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "C" or higher in Culinary Arts I
Spring Semester. This course is designed for students who have successfully completed Culinary Arts I. The second year program is geared toward culinary competitions, catering events, advanced techniques and gourmet cuisine.

Culinary Arts 3-A CUL3301
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "C" or higher in Culinary Arts II and Instructor Approval

Fall Semester: Emphasis is placed on business and financial management practices needed for culinary arts entrepreneurs, leadership styles and activities appropriate for the culinary arts profession, managing food production inventories, performing front of the house duties, and demonstrating marketing and merchandising of food products. Advanced applications in food preparation skills, recipe interpretation, hot and cold food preparation, baking and pastry preparation, and nutritional concepts will be emphasized. This course will provide students with the skills needed for SkillsUSA and C-CAP competitions as well as job shadow experiences and opportunities for tours, festivals and other functions. Students will be given the opportunity to complete certification in the TIPS? program, which is directly applicable in the restaurant/hotel industry. Other industry certifications may also apply including ServSafe? certification.

Culinary Arts 3-B CUL3302
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "C" or higher in Culinary Arts II and Instructor Approval

Spring Semester: Emphasis is placed on business and financial management practices needed for culinary arts entrepreneurs, leadership styles and activities appropriate for the culinary arts profession, managing food production inventories, performing front of the house duties, and demonstrating marketing and merchandising of food products. Advanced applications in food preparation skills, recipe interpretation, hot and cold food preparation, baking and pastry preparation, and nutritional concepts will be emphasized. This course will provide students with the skills needed for SkillsUSA and C-CAP competitions as well as job shadow experiences and opportunities for tours, festivals and other functions. Students will be given the opportunity to complete certification in the TIPS? program, which is directly applicable in the restaurant/hotel industry. Other industry certifications may also apply including ServSafe? certification.

Dental Assistant 1-A DEA3101
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$50.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

This course prepares students to apply academic, technical knowledge and skills of the Dental Assistant in a clinical or dental office setting or to continue into postsecondary education.

Dental Assistant 1-B DEA3102
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$50.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

This course prepares students to apply academic, technical knowledge and skills of the Dental Assistant in a clinical or dental office setting or to continue into postsecondary education.

Dental Assistant 2-A DEA3201
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Dental Assistant I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

This course prepares students to apply academic, technical knowledge and skills of the Dental Assistant in a clinical or dental office setting or to continue into postsecondary education.

Dental Assistant 2-B DEA3202
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Dental Assistant I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

This course prepares students to apply academic, technical knowledge and skills of the Dental Assistant in a clinical or dental office setting or to continue into postsecondary education.

Digital Photography 1-A DPH3101
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Fall Semester: This course is designed to introduce students to the field of photography. The course will expose students to the history of photography and various elements and strategies of digital photography. They will learn the basics of photography and digital imaging. Students will be exposed to career options available in the field of photography.

Digital Photography 1-B DPH3102
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Spring Semester: This course is designed to introduce students to the field of photography. The course will expose students to the history of photography and various elements and strategies of digital photography. They will learn the basics of photography and digital imaging. Students will be exposed to careers options available in the field of photography.

Digital Photography 2-A DPH3201
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Digital Photography I

Fall Semester: This course will be open to students who successfully completed digital photography I with a "C" or higher. These students will further be exposed and be able to explore photographic careers. They will learn to create a professional entry level portfolio. They will also be exposed to Adobe Photoshop in depth along with an introduction to studio lighting.

Digital Photography 2-B DPH3202
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Digital Photography I

Spring Semester: This course will be open to students who successfully completed digital photography I with a "C" or higher. These students will further be exposed and be able to explore photographic careers. They will learn to create a professional entry level portfolio. They will also be exposed to Adobe Photoshop in depth along with an introduction to studio lighting.



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Digital Photography 3-A DPH3301
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Digital Photography II
Fall Semester: These students will be expected to develop more detailed portfolios and will be expected to create photos and digital images on a professional level. These students will also be eligible for internship within the community and outside corporation.

Digital Photography 3-B DPH3302
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Digital Photography II
Spring Semester: These students will be expected to develop more detailed portfolios and will be expected to create photos and digital images on a professional level. These students will also be eligible for internship within the community and outside corporation.

Engineering 1-A EGR3101
Grades: 10 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Algebra I
Fall Semester: Students will be exposed to the board scope of engineering categories including: electrical, mechanical, architectural and civil. Math and physics concepts will be applied to physical models. Computer aided design (CAD) tools will be used to create 3-D models for analysis and use on the 3-D printer. Students will be introduced to robot hardware and software.

Engineering 1-B EGR3102
Grades: 10 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Algebra I
Spring Semester: Students will be exposed to the board scope of engineering categories including: electrical, mechanical, architectural and civil. Math and physics concepts will be applied to physical models. Computer aided design (CAD) tools will be used to create 3-D models for analysis and use on the 3-D printer. Students will be introduced to robot hardware and software.

Engineering 2-A EGR3201
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Engineering I or Algebra II with instructor approval
Fall Semester: In the second year of Engineering, students will apply the CAD tools to design and analyze robots for the VEX Robotics Competition. Students will apply math strategies to solve problems involving force, work, energy, and power. Students will participate in independent design projects which provide exposure to industry expectations for engineers and understanding workplace culture.

Engineering 2-B EGR3202
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Engineering I or Algebra II with instructor approval
Spring Semester: In the second year of Engineering, students will apply the CAD tools to design and analyze robots for the VEX Robotics Competition. Students will apply math strategies to solve problems involving force, work, energy, and power. Students will participate in independent design projects which provide exposure to industry expectations for engineers and understanding workplace culture.

Engineering 3-A EGR3301
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Engineering II
This advanced Engineering Sciences course prepares students to use critical thinking skills and apply formulations from pre-calculus to basic 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 the different systems using input, process, output and feedback. Students will further demonstrate the fundamentals of engineering and mechanics using scientific principles from materials to construct a project with consideration to environmental factors, economics and safety. This course is modeled to university criterion covering engineering theory through a hands-on approach.

Engineering 3-B EGR3302
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Engineering II
This advanced Engineering Sciences course prepares students to use critical thinking skills and apply formulations from pre-calculus to basic 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 the different systems using input, process, output and feedback. Students will further demonstrate the fundamentals of engineering and mechanics using scientific principles from materials to construct a project with consideration to environmental factors, economics and safety. This course is modeled to university criterion covering engineering theory through a hands-on approach.

Film and Television 1-A FTV3101
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Fall Semester: This instructional program prepares the students to work in a variety of positions within the broadcast news, film, and television arenas. Broadcast news, Television and Movie Production is an elaborate process with seemingly endless details to contend with. Everyone in the production works to produce the best product possible. The students will gain a tremendous amount of skill and knowledge starting in pre-production and running through the entire process of presenting the product. An integrated approach to teaching and learning is recommended as students develop interpersonal relations, career development skills, Workplace Employability Skills and technical knowledge and skills.

Film and Television 1-B FTV3102
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Spring Semester: This instructional program prepares the students to work in a variety of positions within the broadcast news, film, and television arenas. Broadcast news, Television and Movie Production is an elaborate process with seemingly endless details to contend with. Everyone in the production works to produce the best product possible. The students will gain a tremendous amount of skill and knowledge starting in pre-production and running through the entire process of presenting the product. An integrated approach to teaching and learning is recommended as students develop interpersonal relations, career development skills, Workplace Employability Skills and technical knowledge and skills.



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Film and Television 2-A FTV3201 Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Film and Television I

Fall Semester: This instructional program prepares the students to work in a variety of positions within the broadcast news, film, and television arenas. Broadcast news, Television and Movie Production is an elaborate process with seemingly endless details to contend with. Everyone in the production works to produce the best product possible. The students will gain a tremendous amount of skill and knowledge starting in pre-production and running through the entire process of presenting the product. An integrated approach to teaching and learning is recommended as students develop interpersonal relations, career development skills, Workplace Employability Skills and technical knowledge and skills.

Film and Television 2-B FTV3202 Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Film and Television I

Spring Semester: This instructional program prepares the students to work in a variety of positions within the broadcast news, film, and television arenas. Broadcast news, Television and Movie Production is an elaborate process with seemingly endless details to contend with. Everyone in the production works to produce the best product possible. The students will gain a tremendous amount of skill and knowledge starting in pre-production and running through the entire process of presenting the product. An integrated approach to teaching and learning is recommended as students develop interpersonal relations, career development skills, Workplace Employability Skills and technical knowledge and skills.

Fire Science 1-A FSC3101 Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$100.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: This course introduces students to careers in Fire Science and prepares students to apply academic, employability and technical knowledge and skills related to common industry standards and practices of Fire Science.

Fire Science 1-B FSC3102 Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$100.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: This course introduces students to careers in Fire Science and prepares students to apply academic, employability and technical knowledge and skills related to common industry standards and practices of Fire Science.

Fire Science 2-A FSC3201 Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Fire Science I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: This course prepares students to apply advanced academic and technical knowledge and skills in a variety of settings within Fire Science.

Fire Science 2-B FSC3202 Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Fire Science I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: This course prepares students to apply advanced academic and technical knowledge and skills in a variety of settings within Fire Science.

Graphic Design 1-A GRD3101 Grades: 10 - 12 College Prep: Yes Credit: 0.500

Fall Semester: This course is an introduction to the field of Graphic Design, which will expose students to Adobe Illustrator and Adobe Photoshop. After learning the basics of the program, students will begin on design theory and color theory. The course is heavy on the 3 Cs of graphic design: components, composition, and concept. Successful completion of this course will include a replication project at the end of the year along with a passing grade. A grade of "C" or better is required for Graphic Design 2.

Graphic Design 1-B GRD3102 Grades: 10 - 12 College Prep: Yes Credit: 0.500

Spring Semester: This course is an introduction to the field of Graphic Design, which will expose students to Adobe Illustrator and Adobe Photoshop. After learning the basics of the program, students will begin on design theory and color theory. The course is heavy on the 3 Cs of graphic design: components, composition, and concept. Successful completion of this course will include a replication project at the end of the year along with a passing grade. A grade of "C" or better is required for Graphic Design 2.

Graphic Design 2-A GRD3201 Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Graphic Design I

Fall Semester: This course takes an in-depth look at the concepts covered in Graphic Design 1. Advanced tutorials and clients projects are introduced in this class, which give industry standard application to the concepts covered in class. These students also become members of a SkillsUSA chapter and will have the opportunity to compete in regional/state Graphic Design competitions. Successful completion of this class will include an electronic portfolio of the graphics completed, numerous mock-ups/proofs of a hypothetical client project, and a passing grade. A grade of "C" or better is required for Graphic Design 3 along with instructor approval.

Graphic Design 2-B GRD3202 Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Graphic Design I

Spring Semester: This course takes an in-depth look at the concepts covered in Graphic Design 1. Advanced tutorials and clients projects are introduced in this class, which give industry standard application to the concepts covered in class. These students also become members of a SkillsUSA chapter and will have the opportunity to compete in regional/state Graphic Design competitions. Successful completion of this class will include an electronic portfolio of the graphics completed, numerous mock-ups/proofs of a hypothetical client project, and a passing grade. A grade of "C" or better is required for Graphic Design 3 along with instructor approval.



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Graphic Design 3-A GRD3301
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Graphic Design II

Fall Semester: This course is designed for senior students looking to be involved in client-based projects on a year round basis. These students will also develop their own graphic style through independent study and advanced tutorials. The students enrolled in Graphic Design 3 will also be part of the SkillsUSA chapter and have the opportunity to compete in regional/state Graphic Design competitions. Successful completion of this course will include a professional portfolio (print or digital) along with personalized business mock-ups/proofs of the student's own graphic design business as a freelancer.

Graphic Design 3-B GRD3302
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Graphic Design II

Spring Semester: This course is designed for senior students looking to be involved in client-based projects on a year round basis. These students will also develop their own graphic style through independent study and advanced tutorials. The students enrolled in Graphic Design 3 will also be part of the SkillsUSA chapter and have the opportunity to compete in regional/state Graphic Design competitions. Successful completion of this course will include a professional portfolio (print or digital) along with personalized business mock-ups/proofs of the student's own graphic design business as a freelancer.

Info Tech 1-A Fundamentals ITE3101
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Fall Semester: This course introduces principles of computers with an emphasis on basic concepts of computer maintenance, network technologies, software development and web page development. Students will also gain an understanding of the IT industry, computer mathematics and the evolution of the computer.

Info Tech 1-B Fundamentals ITE3102
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Spring Semester: This course introduces principles of computers with an emphasis on basic concepts of computer maintenance, network technologies, software development and web page development. Students will also gain an understanding of the IT industry, computer mathematics and the evolution of the computer.

Info Tech 2-A Networking ITE3201
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Computer Maintenance I

Fall Semester: This option prepares students to apply technical knowledge and skill in PC hardware and software systems with an emphasis on PC repair and maintenance. This option will offer skills necessary to competently perform in the industrial environment, as well as pass the necessary exams to obtain certification.

Info Tech 2-B Networking ITE3202
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Computer Maintenance I

Spring Semester: This option prepares students to apply technical knowledge and skill in PC hardware and software systems with an emphasis on PC repair and maintenance. This option will offer skills necessary to competently perform in the industrial environment, as well as pass the necessary exams to obtain certification.

Info Tech 3-A Advanced Networking ITE3301
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Computer Maintenance II

Info Tech 3-B Advanced Networking ITE3302
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Computer Maintenance II

Law Enforcement 1-A LEN3101
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$75.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: This course introduces students to careers in Law, Public Safety and Security and prepares students to apply academic and technical knowledge and skills related to common industry standards and practices.

Law Enforcement 1-B LEN3102
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$75.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: This course introduces students to careers in Law, Public Safety and Security and prepares students to apply academic and technical knowledge and skills related to common industry standards and practices.

Law Enforcement 2-A LEN3201
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Law Enforcement I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: This course prepares students to apply advanced academic and technical knowledge and skills to a variety of settings within Law, Public Safety and Security.

Law Enforcement 2-B LEN3202
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Law Enforcement I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: This course prepares students to apply advanced academic and technical knowledge and skills to a variety of settings within Law, Public Safety and Security.

Marketing 1-A MKT3101
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Fall Semester: In this class students will learn the basic principles of marketing including: sales, promotion, advertising, product development and public relations. Students will take an idea from creation to customer through the Market Day project.

Marketing 1-B MKT3102
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Spring Semester: In this class students will learn the basic principles of marketing including: sales, promotion, advertising, product development and public relations. Students will take an idea from creation to customer through the Market Day project.



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Marketing 2-A Entrepreneurship **MKT3201**
Grades: 11 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "C" or higher in Marketing I

Fall Semester: This is a specialized course that is designed to enable students to acquire the knowledge and develop the skills needed to effectively organize, develop, create and manage their own business. Topics addressed include the assessment of entrepreneurial skills, the importance of business ethics, and the role of entrepreneurs in a free enterprise system. Students will develop a written business plan for a business of their choice and engage in simulated or real occupational situations. Students will also participate in the DECA program as a co-curricular activity.

Marketing 2-B Entrepreneurship **MKT3202**
Grades: 11 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "C" or higher in Marketing I

Spring Semester: This is a specialized course that is designed to enable students to acquire the knowledge and develop the skills needed to effectively organize, develop, create and manage their own business. Topics addressed include the assessment of entrepreneurial skills, the importance of business ethics, and the role of entrepreneurs in a free enterprise system. Students will develop a written business plan for a business of their choice and engage in simulated or real occupational situations. Students will also participate in the DECA program as a co-curricular activity.

Marketing 3-A **MKT3215**
Grades: 10 - 12 **College Prep: No** **Credit: 0.500**

Fall Semester:

Requirements: Marketing II or concurrent enrollment in Marketing II
In this class, students will run and manage student-based enterprises. Students will develop a thorough professional resume.

Marketing 3-B **MKT3216**
Grades: 10 - 12 **College Prep: No** **Credit: 0.500**

Spring Semester:

Requirements: Marketing II or concurrent enrollment in Marketing II
In this class, students will run and manage student-based enterprises. Students will develop a thorough professional resume.

Marketing Internship - Fall **MKT3501**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "C" or higher in Marketing II

Fall Semester: This course provides CTE students 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 involves the application of previously developed Marketing, Management and Entrepreneurship knowledge and skills. Students will also participate in the DECA program as a co-curricular activity.

Marketing Internship - Spring **MKT3502**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "C" or higher in Marketing II

Spring Semester: This course provides CTE students 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 involves the application of previously developed Marketing, Management and Entrepreneurship knowledge and skills. Students will also participate in the DECA program as a co-curricular activity.

Massage Therapy 1-A **MTH3101**
Grades: 11 - 12 **College Prep: Yes** **Credit: 1.000**

FEES: CAVIT Program Fee - \$75.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: The Massage Therapist plays an important role in growing health care fields of preventive health care, fitness and stress management. Junior and senior high school students learn the anatomy, physiology, and pathology of the body as it relates to soft tissue injury and treatment. Students are introduced to proper body mechanics for their own well-being and injury prevention. In addition, students will be taught sanitation procedures, first aid, and become CPR certified. Students apply their massage skills to community residents in the school's massage spa. CAC college credits may be earned.

Massage Therapy 1-B **MTH3102**
Grades: 11 - 12 **College Prep: Yes** **Credit: 1.000**

FEES: CAVIT Program Fee - \$75.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: The Massage Therapist plays an important role in growing health care fields of preventive health care, fitness and stress management. Junior and senior high school students learn the anatomy, physiology, and pathology of the body as it relates to soft tissue injury and treatment. Students are introduced to proper body mechanics for their own well-being and injury prevention. In addition, students will be taught sanitation procedures, first aid, and become CPR certified. Students apply their massage skills to community residents in the school's massage spa. CAC college credits may be earned.

Massage Therapy 2-A **MTH3201**
Grades: 12 **College Prep: Yes** **Credit: 1.000**

PREREQUISITE: "B" or higher in Massage Therapy I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: The Massage Therapist plays an important role in growing health care fields of preventive health care, fitness and stress management. Junior and senior high school students learn the anatomy, physiology, and pathology of the body as it relates to soft tissue injury and treatment. Students are introduced to proper body mechanics for their own well-being and injury prevention. In addition, students will be taught sanitation procedures, first aid, and become CPR certified. Students apply their massage skills to community residents in the school's massage spa. CAC college credits may be earned.

Massage Therapy 2-B **MTH3202**
Grades: 12 **College Prep: Yes** **Credit: 1.000**

PREREQUISITE: "B" or higher in Massage Therapy I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: The Massage Therapist plays an important role in growing health care fields of preventive health care, fitness and stress management. Junior and senior high school students learn the anatomy, physiology, and pathology of the body as it relates to soft tissue injury and treatment. Students are introduced to proper body mechanics for their own well-being and injury prevention. In addition, students will be taught sanitation procedures, first aid, and become CPR certified. Students apply their massage skills to community residents in the school's massage spa. CAC college credits may be earned.



Maricopa High School Course Catalog

Year: 2016-2017

Department: Career & Technical Education

Medical Assistant 1-A MED3101
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$50.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: Medical assistants are the "right arm" of the modern medical clinic. Students are trained to work closely with physicians, physician assistants and nurses. With state-of-the-art equipment and a simulated doctor's office, CAVIT students will become comfortable in a clinical environment. The program offers students the training needed to assist physicians both in the clinical area and in the administrative medical office setting.

Medical Assistant 1-B MED3102
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$50.00

PREREQUISITE: CAVIT Application

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: Medical assistants are the "right arm" of the modern medical clinic. Students are trained to work closely with physicians, physician assistants and nurses. With state-of-the-art equipment and a simulated doctor's office, CAVIT students will become comfortable in a clinical environment. The program offers students the training needed to assist physicians both in the clinical area and in the administrative medical office setting.

Medical Assistant 2-A MED3201
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Medical Assistant I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: Medical assistants are the "right arm" of the modern medical clinic. Students are trained to work closely with physicians, physician assistants and nurses. With state-of-the-art equipment and a simulated doctor's office, CAVIT students will become comfortable in a clinical environment. The program offers students the training needed to assist physicians both in the clinical area and in the administrative medical office setting.

Medical Assistant 2-B MED3202
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Medical Assistant I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: Medical assistants are the "right arm" of the modern medical clinic. Students are trained to work closely with physicians, physician assistants and nurses. With state-of-the-art equipment and a simulated doctor's office, CAVIT students will become comfortable in a clinical environment. The program offers students the training needed to assist physicians both in the clinical area and in the administrative medical office setting.

Nursing Assistant 1-A CNA3101
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$50.00

PREREQUISITE: CAVIT Application

This is a 2-hour block class held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: This course prepares students to apply academic, employability and technical knowledge and skills related to common industry standards and practices of nursing assisting within the nursing profession.

Nursing Assistant 1-B CNA3102
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$50.00

PREREQUISITE: CAVIT Application

This is a 2-hour block class held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: This course prepares students to apply academic, employability and technical knowledge and skills related to common industry standards and practices of nursing assisting within the nursing profession.

Nursing Assistant 2-A CNA3201
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Nursing Assistant I

This is a 2-hour block class held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: This course prepares students to apply advanced academic and technical knowledge and skills related to nursing assisting in a variety of settings within the nursing profession.

Nursing Assistant 2-B CNA3202
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Nursing Assistant I

This is a 2-hour block class held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: This course prepares students to apply advanced academic and technical knowledge and skills related to nursing assisting in a variety of settings within the nursing profession.

Technical Theatre 1-A TTH3101
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Fall Semester: Technical Theater I is designed to give students the ability to explore all aspects of what occurs behind the scenes of stage productions. Technical Theater I will explore the basics of "how it all works" in the theater. Students will have the opportunity to work with state of the art equipment in areas such as, lighting design and production, sound design and audio engineering, Stage rigging, set design and construction.

Technical Theatre 1-B TTH3102
Grades: 10 - 12 College Prep: Yes Credit: 0.500

Spring Semester: Technical Theater I is designed to give students the ability to explore all aspects of what occurs behind the scenes of stage productions. Technical Theater I will explore the basics of "how it all works" in the theater. Students will have the opportunity to work with state of the art equipment in areas such as, lighting design and production, sound design and audio engineering, Stage rigging, set design and construction

Technical Theatre 2-A TTH3201
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Technical Theatre I and Instructor Approval

Fall Semester: Technical Theater II is designed to build on student knowledge from Technical Theater I as they explore more advanced aspects of stage productions management. Technical Theater II will allow students to be more directly involved in the design and implementation in all areas. Students will have the opportunity to develop their skills as they experience more advanced methods of lighting design, plotting and production, sound design, audio engineering, stage rigging, set design, construction, and production management.



Maricopa High School Course Catalog

Year: 2016-2017

Department: Career & Technical Education

Technical Theatre 2-B TTH3202
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Technical Theatre I and Instructor Approval

Spring Semester: Technical Theater II is designed to build on student knowledge from Technical Theater I as they explore more advanced aspects of stage productions management. Technical Theater II will allow students to be more directly involved in the design and implementation in all areas. Students will have the opportunity to develop their skills as they experience more advanced methods of lighting design, plotting and production, sound design, audio engineering, stage rigging, set design, construction, and production management.

Technical Theatre 3-A TTH3301
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Technical Theatre II and Instructor Approval

This third optional course continues the work of Technical Theatre II, with students managing the planning, design, preparation and application of theatrical production as described above.

Additional Requirements: Students will be required to participate as a crew member in at least 1 extra-curricular theatre production per semester including some Saturdays and Sundays. Transportation to and from campus for extra-curricular events is not provided by the District.

Technical Theatre 3-B TTH3302
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "C" or higher in Technical Theatre II and Instructor Approval

This third optional course continues the work of Technical Theatre II, with students managing the planning, design, preparation and application of theatrical production as described above.

Additional Requirements: Students will be required to participate as a crew member in at least 1 extra-curricular theatre production per semester including some Saturdays and Sundays. Transportation to and from campus for extra-curricular events is not provided by the District.

Transfer CTE CTET000
Grades: 09 - 12 College Prep: Yes Credit: 0.500

** This course is used by MHS Administration for transcribing transfer student credits **

Veterinary Assistant 1-A VET3101
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$50.00

PREREQUISITE: CAVIT Application plus "B" or higher in Biology and/or Anatomy Physiology plus 2 English Credits

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: If you like animals and want a challenging career with a variety of responsibilities, this is your big chance! Veterinary assistants play a major role in the health care of pets, farm, zoo, and laboratory animals. Students will learn medical terminology, diseases and parasites, grooming and bathing, clinical, examination, treatment and common surgical procedures, patient management, scheduling and records maintenance. Animal anatomy, physiology, nutrition, behavior, handling and restraining are also covered. Students also have the opportunity to participate in an internship and earn pet first aid certification.

Veterinary Assistant 1-B VET3102
Grades: 11 - 12 College Prep: Yes Credit: 1.000

FEES: CAVIT Program Fee - \$50.00

PREREQUISITE: CAVIT Application plus "B" or higher in Biology and/or Anatomy Physiology plus 2 English Credits

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: If you like animals and want a challenging career with a variety of responsibilities, this is your big chance! Veterinary assistants play a major role in the health care of pets, farm, zoo, and laboratory animals. Students will learn medical terminology, diseases and parasites, grooming and bathing, clinical, examination, treatment and common surgical procedures, patient management, scheduling and records maintenance. Animal anatomy, physiology, nutrition, behavior, handling and restraining are also covered. Students also have the opportunity to participate in an internship and earn pet first aid certification.

Veterinary Assistant 2-A VET3201
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Veterinary Assistant I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Fall Semester: If you like animals and want a challenging career with a variety of responsibilities, this is your big chance! Veterinary assistants play a major role in the health care of pets, farm, zoo, and laboratory animals. Students will learn medical terminology, diseases and parasites, grooming and bathing, clinical, examination, treatment and common surgical procedures, patient management, scheduling and records maintenance. Animal anatomy, physiology, nutrition, behavior, handling and restraining are also covered. Students also have the opportunity to participate in an internship and earn pet first aid certification.

Veterinary Assistant 2-B VET3202
Grades: 12 College Prep: Yes Credit: 1.000

PREREQUISITE: "B" or higher in Veterinary Assistant I

This is a 2-hour block course held on the CAVIT campus in Coolidge and includes round trip transportation from Maricopa High School.

Spring Semester: If you like animals and want a challenging career with a variety of responsibilities, this is your big chance! Veterinary assistants play a major role in the health care of pets, farm, zoo, and laboratory animals. Students will learn medical terminology, diseases and parasites, grooming and bathing, clinical, examination, treatment and common surgical procedures, patient management, scheduling and records maintenance. Animal anatomy, physiology, nutrition, behavior, handling and restraining are also covered. Students also have the opportunity to participate in an internship and earn pet first aid certification.



Maricopa High School Course Catalog

Year: 2016-2017

Department: Electives

Office Aide - Fall **OFA3101**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: 12th grade only and application required
All office aides will assist in their assigned role. There are several stations for office aides to be assigned. All positions require: communicating effectively in a diverse office environment, using technologies for workplace communication, running campus errands, promoting an environment of trust, performing all assigned tasks with a positive attitude, exercises leadership and initiative, maintaining complete confidentiality at all times, acts with integrity and interacts respectfully with all staff, community members and students. Office aides are additionally expected to always be within dress code and always be punctual. Office aides represent MHS in a professional manner; students are expected to maintain professional behavior while in the office and while running errands on campus.

Office Aide - Spring **OFA3102**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: 12th grade only and application required
All office aides will assist in their assigned role. There are several stations for office aides to be assigned. All positions require: communicating effectively in a diverse office environment, using technologies for workplace communication, running campus errands, promoting an environment of trust, performing all assigned tasks with a positive attitude, exercises leadership and initiative, maintaining complete confidentiality at all times, acts with integrity and interacts respectfully with all staff, community members and students. Office aides are additionally expected to always be within dress code and always be punctual. Office aides represent MHS in a professional manner; students are expected to maintain professional behavior while in the office and while running errands on campus.

Peer Tutor - Fall **PTU3101**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Application and Administration approval required
Peer tutors will be assigned to Exceptional Student Services. Peer tutors will assist students towards academic achievement by working with them on a regular basis to clarify learning problems and work on study skills and life skills. Peer tutors will work hand and hand with the classroom teacher. Peer tutors are also expected to assist their assigned teacher with classroom management and maintenance including: communicating effectively in a diverse classroom environment, using technologies for workplace communication, promoting an environment of trust, tutoring students, organize instructional materials, performing all assigned tasks with a positive attitude, exercises leadership and initiative in the classroom, maintain complete confidentiality at all times, acts with integrity and interacts respectfully with teacher and students.

Peer Tutor - Spring **PTU3102**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Application and Administration approval required
Peer tutors will be assigned to Exceptional Student Services. Peer tutors will assist students towards academic achievement by working with them on a regular basis to clarify learning problems and work on study skills and life skills. Peer tutors will work hand and hand with the classroom teacher. Peer tutors are also expected to assist their assigned teacher with classroom management and maintenance including: communicating effectively in a diverse classroom environment, using technologies for workplace communication, promoting an environment of trust, tutoring students, organize instructional materials, performing all assigned tasks with a positive attitude, exercises leadership and initiative in the classroom, maintain complete confidentiality at all times, acts with integrity and interacts respectfully with teacher and students.

Student Council Leadership - Fall **STU3101**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Application and Interview
Fall Semester: This course combines classroom study of volunteerism, school issues, and school government processes. Classroom activities and workshops are designed to focus on the leadership strands: communication, organizational and managerial skills, character development, goal setting, decision making, group process, conflict resolution, citizenship, and diversity. Numerous outside activities are required.

ADDITIONAL REQUIREMENTS: After school, evening, and weekend work will be required.

Student Council Leadership - Spring **STU3102**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Application and Interview
Spring Semester: This course combines classroom study of volunteerism, school issues, and school government processes. Classroom activities and workshops are designed to focus on the leadership strands: communication, organizational and managerial skills, character development, goal setting, decision making, group process, conflict resolution, citizenship, and diversity. Numerous outside activities are required.

ADDITIONAL REQUIREMENTS: After school, evening, and weekend work will be required.

Teacher Aide **TEA3400**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: 12th grade only with teacher pre-approval
All teacher aides will assist their assigned teacher with classroom management and maintenance including: communicating effectively in a diverse classroom environment, using technologies for workplace communication, promoting an environment of trust, tutoring students, organize instructional materials, performing all assigned tasks with a positive attitude, exercises leadership and initiative in the classroom, maintain complete confidentiality at all times, acts with integrity and interacts respectfully with teacher and students.

Transfer Elective **ELCT000**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

Yearbook - Fall **YBK3101**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Application and Interview
Fall Semester: This class covers the basic principles of publication design, typography, multimedia print production, publishing technologies, and electronic journalism. Students will use industry standard software to produce a monthly or bi-weekly, multimedia school newspaper that will be print-ready, as well as help publish the MHS annual yearbook.

ADDITIONAL REQUIREMENTS: After school, evening, and weekend work will be required.

Yearbook - Spring **YBK3102**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Application and Interview
Spring Semester: This class covers the basic principles of publication design, typography, multimedia print production, publishing technologies, and electronic journalism. Students will use industry standard software to produce a monthly or bi-weekly, multimedia school newspaper that will be print-ready, as well as help publish the MHS annual yearbook.

ADDITIONAL REQUIREMENTS: After school, evening, and weekend work will be required.



Maricopa High School

Course Catalog

Year: 2016-2017

Department: English

AP Language A **ENG3311**
Grades: 11 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: English II or Honors English II, Entrance Survey
Fall Semester: This course focuses on preparing students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives. In this college-level course, students will read and carefully analyze a broad and challenging range of texts, deepening their awareness of rhetoric and language. Students will develop their ability to work with language with a greater awareness of purpose and strategy, while strengthening their own compositions. Students will frequently collaborate about their writing in peer-review sessions during class. Note: There is a fee for students who choose to take the AP examinations, approximately \$92.00. Students who score a 3 or higher on the AP exam will earn college credit.

AP Language B **ENG3312**
Grades: 11 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: English II or Honors English II, Entrance Survey
Spring Semester: This course focuses on preparing students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives. In this college-level course, students will read and carefully analyze a broad and challenging range of texts, deepening their awareness of rhetoric and language. Students will develop their ability to work with language with a greater awareness of purpose and strategy, while strengthening their own compositions. Students will frequently collaborate about their writing in peer-review sessions during class. Note: There is a fee for students who choose to take the AP examinations, approximately \$92.00. Students who score a 3 or higher on the AP exam will earn college credit.

AP Literature A **ENG3411**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Advanced Placement Language OR English III, Entrance Survey
Fall Semester: This course is designed to prepare students for university coursework by reading major texts (English, American, Classical) representing various literary genres developing interpretive and analytical reading skills. In this course, students will be required to write fluent, precise, and engaging essays about literary texts; study, interpret and analyze how poetic technique enhances meaning in a poem; discuss course material in a lucid, insightful, and analytical manner; and deliver presentations appropriate to purpose and audience with confidence and clarity. Note: There is a fee for students who choose to take the AP examinations, approximately \$92.00. Students who score a 3 or higher on the AP exam will earn college credit.

AP Literature B **ENG3412**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Advanced Placement Language OR English III, Entrance Survey
Spring Semester: This course is designed to prepare students for university coursework by reading major texts (English, American, Classical) representing various literary genres developing interpretive and analytical reading skills. In this course, students will be required to write fluent, precise, and engaging essays about literary texts; study, interpret and analyze how poetic technique enhances meaning in a poem; discuss course material in a lucid, insightful, and analytical manner; and deliver presentations appropriate to purpose and audience with confidence and clarity. Note: There is a fee for students who choose to take the AP examinations, approximately \$92.00. Students who score a 3 or higher on the AP exam will earn college credit.

English 1 Blended A **ENG3151**
Grades: 09 **College Prep: Yes** **Credit: 0.500**

COREQUISITE: Blended learning Algebra
This course is an alternative choice for the required 9th grade English I class and is partnered with blended learning Algebra I. Blended learning English I combines daily computer usage and project based learning to explore modes of composition. Emphasis is placed on grammar and writing skills, speaking and listening skills, introduction to rhetoric, and the analysis of literary elements through a study of world literature. Writing activities will give students practice in organizing and developing argumentative, persuasive, narrative and expository composition. All projects incorporate English and Algebra components, and real world based, and presented to a panel of professionals. It is highly encouraged that blended learning students have internet access at home and student must be self-motivated. It is required students work with a variety of peers in a group setting.

English 1 Blended B **ENG3152**
Grades: 09 **College Prep: Yes** **Credit: 0.500**

COREQUISITE: Blended learning Algebra
This course is an alternative choice for the required 9th grade English I class and is partnered with blended learning Algebra I. Blended learning English I combines daily computer usage and project based learning to explore modes of composition. Emphasis is placed on grammar and writing skills, speaking and listening skills, introduction to rhetoric, and the analysis of literary elements through a study of world literature. Writing activities will give students practice in organizing and developing argumentative, persuasive, narrative and expository composition. All projects incorporate English and Algebra components, and real world based, and presented to a panel of professionals. It is highly encouraged that blended learning students have internet access at home and student must be self-motivated. It is required students work with a variety of peers in a group setting.

English 1 Honors A **ENG3121**
Grades: 09 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "Exceeds" on the 8th Grade English Post Test, Entrance Survey
Fall Semester: This course presents an extensive study of literary elements and language with an emphasis on grammar, rhetoric, composition skills, and a study of world literature. This course requires that students apply their skills in composition, literacy analysis, and critical thinking. Students will apply these skills throughout the course by the intense study of literary works and writing applications including analysis, research writing, and response to speaking and listening. Special emphasis is placed on preparing students for Advanced Placement curriculum.

English 1 Honors B **ENG3122**
Grades: 09 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "Exceeds" on the 8th Grade English Post Test, Entrance Survey
Spring Semester: This course presents an extensive study of literary elements and language with an emphasis on grammar, rhetoric, composition skills, and a study of world literature. This course requires that students apply their skills in composition, literacy analysis, and critical thinking. Students will apply these skills throughout the course by the intense study of literary works and writing applications including analysis, research writing, and response to speaking and listening. Special emphasis is placed on preparing students for Advanced Placement curriculum.

English 1-A **ENG3101**
Grades: 09 **College Prep: Yes** **Credit: 0.500**

Fall Semester: This course is required for all 9th grade students. Emphasis is placed on grammar and writing skills, speaking and listening skills, introduction to rhetoric, and the analysis of literary elements through a study of world literature. Writing activities will give students practice in organizing and developing argumentative, persuasive, narrative, and expository compositions.



Maricopa High School

Course Catalog

Year: 2016-2017

Department: English

English 1-B **ENG3102**
Grades: 09 **College Prep: Yes** **Credit: 0.500**

Spring Semester: This course is required for all 9th grade students. Emphasis is placed on grammar and writing skills, speaking and listening skills, introduction to rhetoric, and the analysis of literary elements through a study of world literature. Writing activities will give students practice in organizing and developing argumentative, persuasive, narrative, and expository compositions.

English 2 - Honors A **ENG3211**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Exceeds on English I Galileo Post Test, Entrance Survey, and/or Teacher Recommendation

Fall Semester: This course presents a chronological survey of British and world literature and demands experience with composition, literary elements, and critical thinking. In this course, students will apply these skills through intense study of literary works and writing applications including literary analysis and research writing. Students will also deliver successful presentations appropriate to purpose and audience. Special emphasis is placed upon preparing students for Advanced Placement curriculum.

English 2 - Honors B **ENG3212**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Exceeds on English I Galileo Post Test, Entrance Survey, and/or Teacher Recommendation

Spring Semester: This course presents a chronological survey of British and world literature and demands experience with composition, literary elements, and critical thinking. In this course, students will apply these skills through intense study of literary works and writing applications including literary analysis and research writing. Students will also deliver successful presentations appropriate to purpose and audience. Special emphasis is placed upon preparing students for Advanced Placement curriculum.

English 2 Blended A **ENG3251**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

COREQUISITE: Blended learning Geometry

PREREQUISITE: English I

This course is an alternative choice for the required 10th grade English II class and is partnered with blended learning Geometry. Blended learning English II combines daily computer usage and project based learning to explore modes of composition. Students will read and write in a variety of modes and genres, including argument, rhetorical analysis, and synthesis. The course develops vocabulary skills, as well as speaking, listening, and presentation skills with quarterly group projects. All projects incorporate English and Geometry components, are real world based, and presented to a panel of professionals. It is highly encouraged that blended learning students have internet access at home and students must be self-motivated. It is required students work with a variety of peers in group settings.

English 2 Blended B **ENG3252**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

COREQUISITE: Blended learning Geometry

PREREQUISITE: English I

This course is an alternative choice for the required 10th grade English II class and is partnered with blended learning Geometry. Blended learning English II combines daily computer usage and project based learning to explore modes of composition. Students will read and write in a variety of modes and genres, including argument, rhetorical analysis, and synthesis. The course develops vocabulary skills, as well as speaking, listening, and presentation skills with quarterly group projects. All projects incorporate English and Geometry components, are real world based, and presented to a panel of professionals. It is highly encouraged that blended learning students have internet access at home and students must be self-motivated. It is required students work with a variety of peers in group settings.

English 2-A **ENG3201**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: English I

Fall Semester: This course explores modes of composition through reading and writing. Students will read and write in a variety of modes and genres, including argument, rhetorical analysis, and synthesis. The course will develop vocabulary skills, as well as speaking and listening skills through the study of classic and contemporary literature.

English 2-B **ENG3202**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: English I

Spring Semester: This course explores modes of composition through reading and writing. Students will read and write in a variety of modes and genres, including argument, rhetorical analysis, and synthesis. The course will develop vocabulary skills, as well as speaking and listening skills through the study of classic and contemporary literature.

English 3A **ENG3301**
Grades: 11 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: English II

Fall Semester: This course is a comprehensive survey of American Literature. It involves the study of styles, techniques, philosophies and ideas of major American writers as well as the historical setting that influenced their works. The class emphasizes critical and analytical thinking, close-reading skills, speaking and listening skills, and synthesis of ideas.

English 3B **ENG3302**
Grades: 11 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: English II

Spring Semester: This course is a comprehensive survey of American Literature. It involves the study of styles, techniques, philosophies and ideas of major American writers as well as the historical setting that influenced their works. The class emphasizes critical and analytical thinking, close-reading skills, speaking and listening skills, and synthesis of ideas.

English 4-A **ENG3401**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: English III

Fall Semester: This course focuses on compositional and research skills required for college English courses. Critical reading strategies will be utilized to synthesize multiple perspectives on current issues related to classic themes in literature. Students will produce a variety of well-organized, purposeful analyses of varying lengths. Major works will also be incorporated to foster literary analysis, synthesis, and deconstruction. This course focuses on an in-depth study of rhetoric and college-level writing applications as well as in-depth literary studies of classic works of literary merit.

English 4-B **ENG3402**
Grades: 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: English III

Spring Semester: This course focuses on compositional and research skills required for college English courses. Critical reading strategies will be utilized to synthesize multiple perspectives on current issues related to classic themes in literature. Students will produce a variety of well-organized, purposeful analyses of varying lengths. Major works will also be incorporated to foster literary analysis, synthesis, and deconstruction. This course focuses on an in-depth study of rhetoric and college-level writing applications as well as in-depth literary studies of classic works of literary merit.



Maricopa High School Course Catalog

Year: 2016-2017

Department: English

Structured English Immersion-A SEI3001
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

Placement is determined by the AZELLA Test.

This course is designed for students who are reading between a 5th and 7th grade reading level. Emphasis is placed on reading comprehension, reading fluency, vocabulary and writing skills. The class includes whole group instruction, small group instruction, computer projects, and independent reading. Outside independent reading is also required. Students in this course will also be enrolled in a concurrent English course.

Structured English Immersion-B SEI3002
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

Placement is determined by the AZELLA Test.

This course is designed for students who are reading between a 5th and 7th grade reading level. Emphasis is placed on reading comprehension, reading fluency, vocabulary and writing skills. The class includes whole group instruction, small group instruction, computer projects, and independent reading. Outside independent reading is also required. Students in this course will also be enrolled in a concurrent English course.

Transfer English ENGT000
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

** This course is used by MHS Administration for transcribing transfer student credits **



Maricopa High School Course Catalog

Year: 2016-2017

Department: Exceptional Students

Algebra I Skills A ESS3223
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course is for students who need specially designed instruction in math. This course mirrors the skills taught in Algebra I and is based on strategies and vocabulary involved in algebraic problem solving. It includes algebra concepts, inductive and deductive reasoning, functions, probability, measurement, discrete math, and number theory. Services will be indicated through the objectives on the Individual Education Plan (IEP). Based on IEP, the course may be repeated for more than one math credit.

Algebra I Skills B ESS3224
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course is for students who need specially designed instruction in math. This course mirrors the skills taught in Algebra I and is based on strategies and vocabulary involved in algebraic problem solving. It includes algebra concepts, inductive and deductive reasoning, functions, probability, measurement, discrete math, and number theory. Services will be indicated through the objectives on the Individual Education Plan (IEP). Based on IEP, the course may be repeated for more than one math credit.

Algebra II Skills A ESS3423
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Algebra II Skills B ESS3424
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Alternative Program ESS3800
Grades: 09 - 12 College Prep: No Credit: 0.000

** For internal administrative use only **

Basic Math Skills A ESS3011
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: Curriculum addresses number sense and operations with an emphasis on integers, data analysis, probability/discrete mathematics, patterns, algebraic thinking and functions, geometry, measurement, problem solving, structure and logic. Instruction is adapted to meet the student's IEP goals. Based on IEP, class may be repeated for more than one math credit.

Basic Math Skills B ESS3012
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: Curriculum addresses number sense and operations with an emphasis on integers, data analysis, probability/discrete mathematics, patterns, algebraic thinking and functions, geometry, measurement, problem solving, structure and logic. Instruction is adapted to meet the student's IEP goals. Based on IEP, class may be repeated for more than one math credit.

English Skills 1-A ESS3103
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course is designed to support basic written language skills. Emphasis is placed upon writing conventions and skills through critical reading of world literature. Writing activities will give students practice in organizing and developing prescriptive, persuasive, narrative and expository compositions with a concentration on narrative and expressive writing.

English Skills 1-B ESS3104
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course is designed to support basic written language skills. Emphasis is placed upon writing conventions and skills through critical reading of world literature. Writing activities will give students practice in organizing and developing prescriptive, persuasive, narrative and expository compositions with a concentration on narrative and expressive writing.

English Skills 2-A ESS3203
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course is designed to support basic written language skills. This course explores modes of composition through reading and writing. Students will read and write the following: exposition, description, definition, evaluation, cause and effect, compare and contrast, problem/solution, persuasive, literary analysis, synthesis, and research. This course will enable students to develop vocabulary skills and to develop speaking and presenting skills.

English Skills 2-B ESS3204
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course is designed to support basic written language skills. This course explores modes of composition through reading and writing. Students will read and write the following: exposition, description, definition, evaluation, cause and effect, compare and contrast, problem/solution, persuasive, literary analysis, synthesis, and research. This course will enable students to develop vocabulary skills and to develop speaking and presenting skills.

English Skills 3-A ESS3303
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course is designed to support students who continue to need instruction to develop basic reading and written language skills. It involves the study of styles, techniques, and ideas of American writers as well as the historical setting that influenced their works. The class emphasizes critical thinking, reading and writing skills.

English Skills 3-B ESS3304
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course is designed to support students who continue to need instruction to develop basic reading and written language skills. It involves the study of styles, techniques, and ideas of American writers as well as the historical setting that influenced their works. The class emphasizes critical thinking, reading and writing skills.

English Skills 4-A ESS3403
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course is designed to support students who continue to need instruction to develop basic reading and written language skills. This course will focus on compositional and research skills. Students will explore various modes of writing and compose a variety of essays. Critical reading strategies will be utilized to synthesize multiple perspectives on current issues.

English Skills 4-B ESS3404
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course is designed to support students who continue to need instruction to develop basic reading and written language skills. This course will focus on compositional and research skills. Students will explore various modes of writing and compose a variety of essays. Critical reading strategies will be utilized to synthesize multiple perspectives on current issues.



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Year: 2016-2017

Department: Exceptional Students

Financial Literacy Skills A ESS3433
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course enables the student to focus on the application of basic math skills necessary for everyday living, everyday work situations, and independent functioning in the community with the primary focus on personal finance. Topics will include: basic math computation, algebra review, algebra application to the real world, basic geometry, and real world math skills-problem solving. Instruction is adapted to meet the student's IEP goals.

Financial Literacy Skills B ESS3434
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course enables the student to focus on the application of basic math skills necessary for everyday living, everyday work situations, and independent functioning in the community with the primary focus on personal finance. Topics will include: basic math computation, algebra review, algebra application to the real world, basic geometry, and real world math skills-problem solving. Instruction is adapted to meet the student's IEP goals.

Geometry Skills A ESS3323
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course is for students who need specially designed instruction in math. This course mirrors the skills taught in Geometry, which includes communicating with vocabulary and notation of Geometry, deductive reasoning, analysis of graphs and charts, problem solving and applications of Geometric Theorems, drawings and models to real world problems. Services will be indicated through the objectives on the Individual Education Plan (IEP). Based on IEP, the course may be repeated for more than one math credit.

Geometry Skills B ESS3324
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course is for students who need specially designed instruction in math. This course mirrors the skills taught in Geometry, which includes communicating with vocabulary and notation of Geometry, deductive reasoning, analysis of graphs and charts, problem solving and applications of Geometric Theorems, drawings and models to real world problems. Services will be indicated through the objectives on the Individual Education Plan (IEP). Based on IEP, the course may be repeated for more than one math credit.

Independent Living Skills A LSK3301
Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: The student will demonstrate methods of understanding and accepting self as a responsible and contributing member of the family, employment group and community in a changing society. Independent Living Skills includes personal and social development, household management, understanding disabilities, community and agency resources and consumer skills. Adapted materials and equipment will be used as needed.

Independent Living Skills B LSK3302
Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: The student will demonstrate methods of understanding and accepting self as a responsible and contributing member of the family, employment group and community in a changing society. Independent Living Skills includes personal and social development, household management, understanding disabilities, community and agency resources and consumer skills. Adapted materials and equipment will be used as needed.

Life Skills Language Arts A LSK3101
Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course provides instruction in basic reading and written language skills based upon the Arizona Alternate Academic standards. Emphasis is on increasing and refining skills necessary to support independent living and day to day usage, as determined by the IEP team.

Life Skills Language Arts B LSK3102
Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course provides instruction in basic reading and written language skills based upon the Arizona Alternate Academic standards. Emphasis is on increasing and refining skills necessary to support independent living and day to day usage, as determined by the IEP team.

Life Skills Math A LSK3201
Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: This course provides instruction in organizational skills and functional survival skills with an emphasis on basic math skills for everyday living for maximum independence and success within school and community settings. Topics may include comparative shopping, money, time, budget, wages, savings and checking accounts. The curriculum is based upon the Arizona Alternate Academic Standards.

Life Skills Math B LSK3202
Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: This course provides instruction in organizational skills and functional survival skills with an emphasis on basic math skills for everyday living for maximum independence and success within school and community settings. Topics may include comparative shopping, money, time, budget, wages, savings and checking accounts. The curriculum is based upon the Arizona Alternate Academic Standards.

MES Self Contained - Fall ESS3811
Grades: 09 - 12 College Prep: No Credit: 0.500

** For internal administrative use only **

MES Self Contained - Spr ESS3812
Grades: 09 - 12 College Prep: No Credit: 0.500

** For internal administrative use only **

Modified Physical Education - Fall LSK3601
Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations
Fall Semester: Students have the opportunity to participate in individualized programs that are designed by the instructor and the student to conform to the students' abilities and medical advice.

Modified Physical Education - Spring LSK3602
Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations
Spring Semester: Students have the opportunity to participate in individualized programs that are designed by the instructor and the student to conform to the students' abilities and medical advice.

Reading Skills A ESS3503
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations

Reading Skills B ESS3504
Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations



Department: Exceptional Students

Study Skills A ESS3903

Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations

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

Study Skills B ESS3904

Grades: 09 - 12 College Prep: Yes Credit: 0.500

Placement is determined by individual student IEP recommendations

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

Work Practicum A LSK3501

Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations

Fall Semester: This is a vocational course based upon the Arizona Alternate Academic Standards that will provide job readiness experiences while training on a job site within the school, district or community. The course is adapted to each student to support the transition from a school worksite to training on a paid job site.

Work Practicum B LSK3502

Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations

Spring Semester: This is a vocational course based upon the Arizona Alternate Academic Standards that will provide job readiness experiences while training on a job site within the school, district or community. The course is adapted to each student to support the transition from a school worksite to training on a paid job site.

Workplace Skills A LSK3401

Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations

Fall Semester: This course includes opportunities and activities for students to acquire and to perform meaningful work skills and habits in a variety of integrated work environments.

Workplace Skills B LSK3402

Grades: 09 - 12 College Prep: No Credit: 0.500

Placement is determined by individual student IEP recommendations

Spring Semester: This course includes opportunities and activities for students to acquire and to perform meaningful work skills and habits in a variety of integrated work environments.



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Department: Fine Arts

AP Art History A ART3461

Grades: 11 - 12 College Prep: Yes Credit: 0.500

Fall Semester: Advanced Placement Art History involves critical thinking and will develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media. Students will examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of work of art. Opportunity to take the AP Art History Exam offered by the College Board, at the end of the year in order to potentially earn college credits that are accepted at major universities both nationally and internationally.

AP Art History B ART3462

Grades: 11 - 12 College Prep: Yes Credit: 0.500

Spring Semester: Advanced Placement Art History involves critical thinking and will develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media. Students will examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of work of art. Opportunity to take the AP Art History Exam offered by the College Board, at the end of the year in order to potentially earn college credits that are accepted at major universities both nationally and internationally.

AP Studio Art A ART3601

Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEE: \$40.00 (for the year) plus shipping costs of slides and/or artwork
PREREQUISITE: Permission of Instructor and prior art study
Students will be required to begin a portfolio during the summer prior to starting the class. This program is intended for highly motivated students committed to serious study in art. AP work involves significantly more time than most art courses. This course is not intended for casually interested students. Students are asked to select and submit their work for evaluation by a group of artists and teachers. The evaluation is intended to allow students to demonstrate their ability to deal with the fundamental concerns of the visual arts so that they may be given credit, AP or both on the college level. Students will produce a portfolio.

AP Studio Art B ART3602

Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEE: \$40.00 (for the year) plus shipping costs of slides and/or artwork
PREREQUISITE: Permission of Instructor and prior art study
Students will be required to begin a portfolio during the summer prior to starting the class. This program is intended for highly motivated students committed to serious study in art. AP work involves significantly more time than most art courses. This course is not intended for casually interested students. Students are asked to select and submit their work for evaluation by a group of artists and teachers. The evaluation is intended to allow students to demonstrate their ability to deal with the fundamental concerns of the visual arts so that they may be given credit, AP or both on the college level. Students will produce a portfolio.

Art I ART3130

Grades: 09 - 12 College Prep: Yes Credit: 0.500
FEE: \$15.00

This course may be repeated for credit
This course is a comprehensive introduction to the world of visual arts. Students will learn about many eras in art while gaining an understanding of all of the elements and principles of art. Students will learn how artists communicate through art while learning how to critique and interpret meaning in artworks. Students will also learn about the important role art plays in many different cultures around the world. Students will learn how to plan for art and reflect on their own art and meaning behind their work. Students will be introduced to a wide array of media, which may include pencil drawings, charcoal, painting, etc. It is required that students keep a sketchbook.

Art II (3-Dimensional Art) ART3135

Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$20.00
This course may be repeated for credit
This course is an intermediate to advanced art course exploring the use of three dimensional media, allowing students to fully explore their creative ideas. Emphasis will be placed on planning work, understanding different forms of three dimensional art. Specific examples of projects include use of multiples to create sculpture, stop-motion work, and exploration of what goes into creating installation art and public art displays. It is required that students keep a sketchbook.

Ceramics I ART3410

Grades: 07 - 12 College Prep: Yes Credit: 0.500

FEE: \$30.00
This course may be repeated for credit
This course will provide students with the basic clay hand-building methods of pinch, coil, and slab. Students will also learn the basic wheel throwing techniques. Decorative techniques, glaze application and firing methods will be studied and explored. Students will conduct research on ceramic art pieces.

Ceramics II ART3420

Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$30.00
PREREQUISITE: Ceramics I
This course may be repeated for credit
Ceramics II is an extension of Ceramics I. Students will expand on hand building and wheel techniques. The focus will center on creating three-dimensional works out of clay and additional works out of clay and additional materials. Emphasis on developing proficiency in clay use, surface applications, and kiln firings, as well as continuing development of personal expression, aesthetic technical competency and craft in the functional and sculptural ceramic art form. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish products.

Chamber Orchestra A MUS3311

Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$50.00 (for the year)
PREREQUISITE: Previous experience on a string instrument
This course may be repeated for credit
Fall Semester: Students learn basic music theory through an exploration of ensemble playing and performance of the best material the school orchestra repertoire has to offer. Emphasis will be placed on developing exceptional technique and a firm knowledge of fundamental skills as well as knowledge of a variety of musical styles and periods. Performances will be given at least three times a year for the community and at selected festivals. This class may be repeated for credit.
Additional Requirements: Performances and rehearsals outside the school day may be required. A uniform or special concert attire will be required. Transportation may not be provided.



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Department: Fine Arts

Chamber Orchestra B MUS3312
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$50.00 (for the year)

PREREQUISITE: Previous experience on a string instrument

This course may be repeated for credit

Spring Semester: Students learn basic music theory through an exploration of ensemble playing and performance of the best material the school orchestra repertoire has to offer. Emphasis will be placed on developing exceptional technique and a firm knowledge of fundamental skills as well as knowledge of a variety of musical styles and periods. Performances will be given at least three times a year for the community and at selected festivals. This class may be repeated for credit.

Additional Requirements: Performances and rehearsals outside the school day may be required. A uniform or special concert attire will be required. Transportation may not be provided.

Choir - Fall MUS3701
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$30.00 (for the year)

PREREQUISITE: Interest in singing in a vocal ensemble environment

This course may be repeated for credit

Fall Semester: This class will provide students of varying ability levels the opportunity to participate in a choral ensemble. Fundamental vocal tone production, ear training, and a fundamental understanding of musicianship and musical concepts will be stressed. The students in this class will participate in a varied repertoire in a variety of styles and will present performances for the school and community. Additional Requirements: Uniforms or special concert attire. Performances and rehearsals outside the school day may be required. Transportation may not be provided.

Choir - Spring MUS3702
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$30.00 (for the year)

PREREQUISITE: Interest in singing in a vocal ensemble environment

This course may be repeated for credit

Spring Semester: This class will provide students of varying ability levels the opportunity to participate in a choral ensemble. Fundamental vocal tone production, ear training, and a fundamental understanding of musicianship and musical concepts will be stressed. The students in this class will participate in a varied repertoire in a variety of styles and will present performances for the school and community. Additional Requirements: Uniforms or special concert attire. Performances and rehearsals outside the school day may be required. Transportation may not be provided.

Colorguard MUS3501
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 plus any additional required items

PREREQUISITE: Audition and teacher approval

This course may be repeated for credit

This course is the designated class for students participating in color guard as part of the MHS Marching Band program. Students will develop and understanding of the fundamentals of dance and movement, use of equipment and will study how dance movements relate to musical concepts and expression. All students will study marching and movement basics and work to build a collaborative environment as a part of the marching band ensemble.

Additional Requirements: rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday competitions.

Concert Band MUS3102
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$50.00 (Waived if student is participating in Marching Band or Pep Band)

PREREQUISITE: Audition/Teacher Recommendation

This course is the Spring semester extension of the Marching Band Class. This class develops fundamental musical and ensemble skills in a concert setting. Students will also learn some music theory such as major and minor scales, modes and harmonic structure. During the course of the semester, the class will perform the best music of the school band literature for the community as well as in the context of selected concert festivals. This course includes all woodwind and brass instruments and serves as the continuation of marching brass and woodwinds or pep band for the Spring semester.

Additional Requirements: Performances and rehearsals outside the school day will be required. A uniform or special concert attire will be required. Transportation may not be provided.

Dance 1-A DAN3101
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$40.00 (for the year)

This course may be repeated for credit

Fall Semester: Beginning dance students are provided an overview of dance as a contemporary art form. Basic skills, techniques and theoretical dance topics are covered at the beginning level. Safety factors related to dance movement are stressed as students acquire and demonstrate an understanding of correct body alignment, anatomy and warm-ups for the prevention of injuries. Students will perform a variety of dance styles as they learn the technical aspects of dance production. Dance terminology, history, choreography and improvisational techniques are introduced as well. Dance performances are held and beginning dance students will showcase their talents by participating and performing before our audience of friends, family and community. All grade levels are welcome in this class.

Dance 1-B DAN3102
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$40.00 (for the year)

This course may be repeated for credit

Spring Semester: Beginning dance students are provided an overview of dance as a contemporary art form. Basic skills, techniques and theoretical dance topics are covered at the beginning level. Safety factors related to dance movement are stressed as students acquire and demonstrate an understanding of correct body alignment, anatomy and warm-ups for the prevention of injuries. Students will perform a variety of dance styles as they learn the technical aspects of dance production. Dance terminology, history, choreography and improvisational techniques are introduced as well. Dance performances are held and beginning dance students will showcase their talents by participating and performing before our audience of friends, family and community. All grade levels are welcome in this class.



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Dance 2-A DAN3201
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$40.00 (for the year)

PREREQUISITE: Dance I

This course may be repeated for credit

Fall Semester: Dance II builds upon the skills and knowledge attained in dance I. Theoretical dance topics, terminology, history and dance styles such as jazz, hip hop, modern, ballet and lyrical are covered at an intermediate level as students hone their performance technique.

Students will continue to work with various styles of music while choreographing original dances that are integrated into student designed productions during the year. As always, safety is stressed while correct body alignment and proper warm-up techniques are practiced to prevent injury.

Fall and spring concerts provide the intermediate dance student the opportunity to participate and perform before an audience of friends, family and community. All grade levels are welcome in this class with an audition as a prerequisite. Students successfully exiting this class will want to audition for placement in our Performance dance class.

Dance 2-B DAN3202
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$40.00 (for the year)

PREREQUISITE: Dance I

This course may be repeated for credit

Spring Semester: Dance II builds upon the skills and knowledge attained in dance I. Theoretical dance topics, terminology, history and dance styles such as jazz, hip hop, modern, ballet and lyrical are covered at an intermediate level as students hone their performance technique.

Students will continue to work with various styles of music while choreographing original dances that are integrated into student designed productions during the year. As always, safety is stressed while correct body alignment and proper warm-up techniques are practiced to prevent injury.

Fall and spring concerts provide the intermediate dance student the opportunity to participate and perform before an audience of friends, family and community. All grade levels are welcome in this class with an audition as a prerequisite. Students successfully exiting this class will want to audition for placement in our Performance dance class.

Drama 1-A DRA3101
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$35.00 (for the year)

Fall Semester: This is a course for the beginning drama student, designed to encourage participation in and study of the arts. The class will study the origins and the cultural and historical developments of theatre. Students will engage in individual and ensemble performance, investigate technical aspects of theatre such as makeup, costume, and props.

Additional Requirements: Will costume a main stage show. Additionally will attend fieldtrip to professional theatre production.

Drama 1-B DRA3102
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$35.00 (for the year)

Spring Semester: This is a course for the beginning drama student, designed to encourage participation in and study of the arts. The class will study the origins and the cultural and historical developments of theatre. Students will engage in individual and ensemble performance, investigate technical aspects of theatre such as makeup, costume, and props.

Additional Requirements: Will costume a main stage show. Additionally will attend fieldtrip to professional theatre production.

Drama 2-A DRA3201
Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEE: \$35.00 (for the year)

PREREQUISITE: Drama I

Fall Semester: This course will expand the skills developed in Drama I by advancing both acting and technical skills. Students will study various styles and movements of acting and theatre history, such as the Renaissance. Additionally, students will begin a repertoire for theatre auditions and a portfolio for a technical specialty such as makeup, costume, or props. Additional Requirements: Required outreach to elementary and middle schools.

Drama 2-B DRA3202
Grades: 10 - 12 College Prep: Yes Credit: 0.500

FEE: \$35.00 (for the year)

PREREQUISITE: Drama I

Spring Semester: This course will expand the skills developed in Drama I by advancing both acting and technical skills. Students will study various styles and movements of acting and theatre history, such as the Renaissance. Additionally, students will begin a repertoire for theatre auditions and a portfolio for a technical specialty such as makeup, costume, or props. Additional Requirements: Required outreach to elementary and middle schools.

Drama 3-A DRA3301
Grades: 11 - 12 College Prep: Yes Credit: 0.500

FEE: \$35.00 (for the year)

PREREQUISITE: Drama II and Audition

This course may be repeated for credit

Fall Semester: This intensive course is designed for students who are interested in pursuing theatre arts beyond high school. The course will focus on the individual student's needs and goals in drama, theatre, and film. Students will do an in-depth analysis of significant historical works, prepare monologues and scenes for presentation, and create a video portfolio of their work. Students will have the opportunity to meet with professionals in film and theatre for discussion and perspective on theatre arts careers. This class will also prepare for and travel to high school dramatic competitions in the fall and winter.

Drama 3-B DRA3302
Grades: 11 - 12 College Prep: Yes Credit: 0.500

FEE: \$35.00 (for the year)

PREREQUISITE: Drama II and Audition

This course may be repeated for credit

Spring Semester: This intensive course is designed for students who are interested in pursuing theatre arts beyond high school. The course will focus on the individual student's needs and goals in drama, theatre, and film. Students will do an in-depth analysis of significant historical works, prepare monologues and scenes for presentation, and create a video portfolio of their work. Students will have the opportunity to meet with professionals in film and theatre for discussion and perspective on theatre arts careers. This class will also prepare for and travel to high school dramatic competitions in the fall and winter.

Drawing ART3200
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$30.00

This course may be repeated for credit

This course is designed as a comprehensive understanding, appreciation, and exploration of drawing, both wet and dry media in perspective, landscape, portrait, still life, and figure drawing. Historical aspects, contemporary trends, and art criticism included. Students will learn drawing techniques using line, shading and perspective. Projects will include drawing with charcoal, graphite and pastels on various types of paper. Class time will be spent learning and improving skills and researching art techniques. It is required that students keep a sketchbook.



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Year: 2016-2017

Department: Fine Arts

Guitar A MUS3411 Grades: 09 - 12 College Prep: Yes Credit: 0.500

This class teaches students the basic skills necessary to begin a lifelong exploration of the guitar. Content includes reading standard music notation, playing melodies using notes in first position, and being able to perform accompaniments using a basic selection of chords. Students will also explore style-specific techniques and work alone and in groups to prepare performance projects for the class. This is an introductory course only and should not be repeated for credit.

Additional Requirements: Students MUST provide their own guitar, purchase a guitar methods book, and keep their guitar in good working order.

Guitar B MUS3412 Grades: 09 - 12 College Prep: Yes Credit: 0.500

This class teaches students the basic skills necessary to begin a lifelong exploration of the guitar. Content includes reading standard music notation, playing melodies using notes in first position, and being able to perform accompaniments using a basic selection of chords. Students will also explore style-specific techniques and work alone and in groups to prepare performance projects for the class. This is an introductory course only and should not be repeated for credit.

Additional Requirements: Students MUST provide their own guitar, purchase a guitar methods book, and keep their guitar in good working order.

Indoor Percussion MUS3512 Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 (Waived if student participated in Fall Semester) plus any additional required items

PREREQUISITE: Audition and teacher approval

This course may be repeated for credit

This is the designated Spring semester class for students playing percussion instruments as part of the MHS band program. Percussionists will prepare parts for performance with the concert bands. In addition to an instructional program of fundamentals and advanced skills, emphasis will be placed on evaluation and reflection on the effectiveness of performances and developing a mutual respect for the skills in percussion ensembles.

Additional Requirements: rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday competitions.

Intermediate Band A MUS3201 Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 per year

PREREQUISITE: Audition

This course may be repeated for additional credit

Intermediate band is the band class for woodwind and brass students who have demonstrated through an audition process an ability beyond the requirements of the Marching/Concert Band class, but do not yet meet the requirements for admission to Symphonic Band. Percussionists will be permitted to audition for this ensemble if they can maintain concurrent enrollment with the percussion class. In the fall semester, Intermediate Band students are expected to participate fully as members of the marching band. This class will build the skills of students, providing them with the fundamental building blocks to be prepared for Symphonic Band. Emphasis is placed on developing musical awareness through performance critique and reflection. May be repeated for credit.

Additional Requirements: Rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday events. Transportation to band rehearsals and on-campus performances is not provided by the district. Participation in Band Camp during the summer is strongly encouraged.

Intermediate Band B MUS3202 Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 per year

PREREQUISITE: Audition

This course may be repeated for additional credit

Intermediate band is the band class for woodwind and brass students who have demonstrated through an audition process an ability beyond the requirements of the Marching/Concert Band class, but do not yet meet the requirements for admission to Symphonic Band. Percussionists will be permitted to audition for this ensemble if they can maintain concurrent enrollment with the percussion class. In the fall semester, Intermediate Band students are expected to participate fully as members of the marching band. This class will build the skills of students, providing them with the fundamental building blocks to be prepared for Symphonic Band. Emphasis is placed on developing musical awareness through performance critique and reflection. May be repeated for credit.

Additional Requirements: Rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday events. Transportation to band rehearsals and on-campus performances is not provided by the district. Participation in Band Camp during the summer is strongly encouraged.

Marching Band MUS3101 Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 plus any additional required items

PREREQUISITE: "C" or better in a band class, Audition

Marching Band is the Fall semester band class for beginning and intermediate brass and woodwind students. Marching Band students participate as part of the Maricopa High School Marching Band at all football games and at some festivals throughout the fall semester. Emphasis in this class is placed on developing fundamental musical skills as well as preparing wind and percussion parts for an outdoor pageantry ensemble. Emphasis is also placed on body control and marching technique.

Additional Requirements: Rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday competitions. Transportation to band rehearsals and on-campus performances is not provided by the district. Participation in Band Camp during the summer is strongly encouraged.

Marching Percussion MUS3511 Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 plus any additional required items

PREREQUISITE: Audition and teacher approval

This course may be repeated for credit

This course is the designated class for students playing percussion instruments as part of the MHS Marching Band program. Percussion students will develop fundamentals of percussion playing including mallet technique and rudimentary percussion. Students will study marching and movement basics and work to build a collaborative environment as a part of the marching band ensemble.

Additional Requirements: rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday competitions.

Painting ART3300 Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$30.00

This course may be repeated for credit

This course is for the serious art student who wishes to learn the tools, techniques and processes of watercolor, acrylic, oil and other various painting media. Historic and current artists are studied to learn about style, subject matter and composition. It is required that students keep a sketchbook.



Maricopa High School Course Catalog

Year: 2016-2017

Department: Fine Arts

Pep Band MUS3111
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 plus any required additional items

PREREQUISITE: Enrollment with teacher approval ONLY

This class provides an option for students wishing to enroll in the Maricopa High School Band Program for a full school year, but who cannot commit to the full rehearsal and performance schedule of marching band. Students electing this participation option will perform in the stands only at all home football games and pep rallies, but will not be required to come to the additional before/after school practices. Students will not be eligible to participate in the marching field show or travel with the band. Students will receive instruction on fundamental musical skills including tone production, scale knowledge and basic music theory. Because students will not participate in marching activities, this course only satisfies the fine arts requirement.

Additional Requirements: Performances and rehearsals outside the school day will be required. A uniform or special concert attire will be required. Transportation may not be provided.

Performance Dance A DAN3301
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$40.00 (for the year)

PREREQUISITE: Audition

This course may be repeated for credit

Fall Semester: Performance Dance is our premier dance class. Advanced dance techniques, styles, choreography, production design and technical theater skills are covered. Students take responsibility for concert design and choreography, costume and set design, rehearsals, publicity and all other aspects of presenting a dance concert. Injury prevention is of paramount importance and correct body alignment and warm-ups are always practiced. The performance dance student often serves as a mentor to less advanced students by providing assistance with technique, music selection, choreography and staging. Friends, family and members of the community look forward to the concerts that are presented throughout the year that showcase the talents of our most advanced dancers, our Performance Dance students. 10th - 12th levels are welcome in this class with an audition as a prerequisite for placement. This class may be repeated for credit.

Performance Dance B DAN3302
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$40.00 (for the year)

PREREQUISITE: Audition

This course may be repeated for credit

Spring Semester: Performance Dance is our premier dance class. Advanced dance techniques, styles, choreography, production design and technical theater skills are covered. Students take responsibility for concert design and choreography, costume and set design, rehearsals, publicity and all other aspects of presenting a dance concert. Injury prevention is of paramount importance and correct body alignment and warm-ups are always practiced. The performance dance student often serves as a mentor to less advanced students by providing assistance with technique, music selection, choreography and staging. Friends, family and members of the community look forward to the concerts that are presented throughout the year that showcase the talents of our most advanced dancers, our Performance Dance students. 10th - 12th levels are welcome in this class with an audition as a prerequisite for placement. This class may be repeated for credit.

Symphonic Band A MUS3203
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 (for the year)

PREREQUISITE: Audition

This course may be repeated for credit

Fall Semester: Symphonic band is the band class for students who have demonstrated through an audition process an advanced level of ability on their instrument and are prepared for a more advanced ensemble. Percussionists will be permitted to audition for this ensemble if they can maintain concurrent enrollment with the pageantry ensemble class. In the Fall semester, symphonic band students are expected to participate fully as members of the marching band, but may take on additional musical challenges. This class will challenge students with a variety of advanced concert selections drawn from the best the wind band repertoire has to offer. Emphasis is placed on developing musical awareness of the subtlety of performance.

Additional Requirements: Rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday competitions. Transportation to band rehearsals and on-campus performances is not provided by the district. Participation in Band Camp during the summer is strongly encouraged.

Symphonic Band B MUS3204
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 (for the year)

PREREQUISITE: Audition

This course may be repeated for credit

Spring Semester: Symphonic band is the band class for students who have demonstrated through an audition process an advanced level of ability on their instrument and are prepared for a more advanced ensemble. Percussionists will be permitted to audition for this ensemble if they can maintain concurrent enrollment with the pageantry ensemble class. In the Fall semester, symphonic band students are expected to participate fully as members of the marching band, but may take on additional musical challenges. This class will challenge students with a variety of advanced concert selections drawn from the best the wind band repertoire has to offer. Emphasis is placed on developing musical awareness of the subtlety of performance.

Additional Requirements: Rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday competitions. Transportation to band rehearsals and on-campus performances is not provided by the district. Participation in Band Camp during the summer is strongly encouraged.

Transfer Fine Arts FART000
Grades: 09 - 12 College Prep: Yes Credit: 0.500

** This course is used by MHS Administration for transcribing transfer student credits **

Winterguard MUS3502
Grades: 09 - 12 College Prep: Yes Credit: 0.500

FEE: \$75.00 (Waived if student participated in Fall Semester) plus any additional required items

PREREQUISITE: Audition and teacher approval

This course may be repeated for credit

This is the designated Spring semester class for students in winter guard as part of the MHS band program. Students will work in a collaborative environment to both develop their programs for performance on the active Winter guard Arizona circuit. In addition to an instructional program of fundamentals and advanced skills, emphasis will be placed on evaluation and reflection on the effectiveness of performances color guard and developing a mutual respect for the skills in guard ensembles.

Additional Requirements: Rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday competitions.



Maricopa High School Course Catalog

Year: 2016-2017

Department: Mathematics

Algebra 1 Blended A MAT3151
Grades: 09 College Prep: Yes Credit: 0.500

COREQUISITE: English I Blended

This course is an alternative choice for the required 9th grade Algebra 1 class and is partnered with Blended Learning English I. Blended Learning Algebra combines daily computer use and project based learning to explore Algebra concepts. All projects incorporate English and Algebra components, are real world based, and presented to a panel of professionals. This course includes communicating with vocabulary and notation of Algebra, systems of equations, polynomials, factoring, quadratic equations, and functions. Also, this course takes an in depth look at writing, solving, and graphing linear equations and linear inequalities. It is highly encouraged that blended learning students have internet access at home and students must be self-motivated. It is required students work with a variety of peers in a group setting.

Algebra 1 Blended B MAT3152
Grades: 09 College Prep: Yes Credit: 0.500

COREQUISITE: English I Blended

This course is an alternative choice for the required 9th grade Algebra 1 class and is partnered with Blended Learning English I. Blended Learning Algebra combines daily computer use and project based learning to explore Algebra concepts. All projects incorporate English and Algebra components, are real world based, and presented to a panel of professionals. This course includes communicating with vocabulary and notation of Algebra, systems of equations, polynomials, factoring, quadratic equations, and functions. Also, this course takes an in depth look at writing, solving, and graphing linear equations and linear inequalities. It is highly encouraged that blended learning students have internet access at home and students must be self-motivated. It is required students work with a variety of peers in a group setting.

Algebra 1 Honors A MAT3111
Grades: 09 College Prep: Yes Credit: 0.500

PREREQUISITE: Meets or Exceeds on 8th Grade Galileo Post Test and/or teacher recommendation

Fall Semester: This course is designed to introduce the skills, strategies and vocabulary involved in algebraic problem solving. It includes algebra concepts, inductive and deductive reasoning, functions, probability, measurement, discrete math, number theory and connections to Geometry. This course prepares students for more advanced study of math and science.

Algebra 1 Honors B MAT3112
Grades: 09 College Prep: Yes Credit: 0.500

PREREQUISITE: Meets or Exceeds on 8th Grade Galileo Post Test and/or teacher recommendation

Spring Semester: This course is designed to introduce the skills, strategies and vocabulary involved in algebraic problem solving. It includes algebra concepts, inductive and deductive reasoning, functions, probability, measurement, discrete math, number theory and connections to Geometry. This course prepares students for more advanced study of math and science.

Algebra 1-A MAT3101
Grades: 08 - 09 College Prep: Yes Credit: 0.500

Fall Semester: This course is designed to introduce the skills, strategies and vocabulary involved in algebraic problem solving. It includes algebra concepts, inductive and deductive reasoning, functions, probability, measurement, discrete math, number theory and connections to Geometry. This course prepares students for more advanced study of math and science.

Algebra 1-B MAT3102
Grades: 08 - 09 College Prep: Yes Credit: 0.500

Spring Semester: This course is designed to introduce the skills, strategies and vocabulary involved in algebraic problem solving. It includes algebra concepts, inductive and deductive reasoning, functions, probability, measurement, discrete math, number theory and connections to Geometry. This course prepares students for more advanced study of math and science.

Algebra 2 Honors A MAT3321
Grades: 10 - 11 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Geometry or Geometry Honors and/or Teacher Recommendation

Fall Semester: This is an accelerated course that extends the concepts of preparing HONORS students for the Advanced Placement Testing Program. Topics covered include the concepts of Algebra I and Geometry to include factoring of higher degree equations, simultaneous equations, fractional equations, fractional and negative exponents, functions, logarithms, determinants, systems and graphs, the binomial theorem, and an introduction to probability and trigonometric functions. Note: A scientific calculator is required.

Algebra 2 Honors B MAT3322
Grades: 10 - 11 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Geometry or Geometry Honors and/or Teacher Recommendation

Spring Semester: This is an accelerated course that extends the concepts of preparing HONORS students for the Advanced Placement Testing Program. Topics covered include the concepts of Algebra I and Geometry to include factoring of higher degree equations, simultaneous equations, fractional equations, fractional and negative exponents, functions, logarithms, determinants, systems and graphs, the binomial theorem, and an introduction to probability and trigonometric functions. Note: A scientific calculator is required.

Algebra 2-A MAT3301
Grades: 11 College Prep: Yes Credit: 0.500

PREREQUISITE: Geometry or Honors Geometry

Fall Semester: This course extends the concepts of Algebra I and Geometry to include factoring of higher degree equations, simultaneous equations, fractional equations, fractional and negative exponents, functions, logarithms, determinants, systems and graphs, the binomial theorem, and an introduction to probability and trigonometric functions.

Algebra 2-B MAT3302
Grades: 11 College Prep: Yes Credit: 0.500

PREREQUISITE: Geometry or Honors Geometry

Spring Semester: This course extends the concepts of Algebra I and Geometry to include factoring of higher degree equations, simultaneous equations, fractional equations, fractional and negative exponents, functions, logarithms, determinants, systems and graphs, the binomial theorem, and an introduction to probability and trigonometric functions.

AP Calculus AB - Fall MAT3451
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Honors Pre-Calculus and/or Teacher Recommendation

Fall Semester: AP Calculus parallels the usual first semester of college calculus. This course is a study of limits, continuity, the derivation and applications of the derivative including rates of change. The course also includes integral calculus including the Fundamental Theorem of Calculus, applications of the definite integral as well as the solution to differential equations by separation variables. Both theories and application will be stressed.

Note: A graphing calculator such as the TI-84 is required.



Maricopa High School Course Catalog

Year: 2016-2017

Department: Mathematics

AP Calculus AB - Spring MAT3452
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Honors Pre-Calculus and/or Teacher Recommendation

Spring Semester: AP Calculus parallels the usual first semester of college calculus. This course is a study of limits, continuity, the derivation and applications of the derivative including rates of change. The course also includes integral calculus including the Fundamental Theorem of Calculus, applications of the definite integral as well as the solution to differential equations by separation variables. Both theories and application will be stressed.

Note: A graphing calculator such as the TI-84 is required.

AP Calculus BC - Fall MAT3453
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Pre-Calculus and AP Calculus AB (recommended) and/or teacher recommendation

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

AP Calculus BC - Spring MAT3454
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Pre-Calculus and AP Calculus AB (recommended) and/or teacher recommendation

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

AP Statistics A MAT3471
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Pre-Calculus or Honors Pre-Calculus and/or Teacher Recommendation

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4. Statistical Inference: Estimating population parameters and testing hypotheses Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course.

AP Statistics B MAT3472
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Pre-Calculus or Honors Pre-Calculus and/or Teacher Recommendation

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4. Statistical Inference: Estimating population parameters and testing hypotheses Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course.

Financial Literacy A MAT3405
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Algebra II

Fall Semester: The General Financial Literacy Core is designed for junior and senior students and represents those standards of learning that are essential and necessary for all students. The implementation of the ideas, concepts, knowledge, and 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. The Core should be taught with respect for differences in learning styles, learning rates, and individual capabilities without losing sight of the common goals. Using a "hands-on" instructional approach involving techniques such as problem solving, reasoning, simulation, and direct application of the concepts of this Core to the world in which students live will empower them to incorporate the concepts of the General Financial Literacy Core into their lives. The General Financial Literacy Core will incorporate concepts and skills from mathematics, language arts, social studies, applied technology, character education, and applied service learning.

Financial Literacy B MAT3406
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Algebra II

Spring Semester: The General Financial Literacy Core is designed for junior and senior students and represents those standards of learning that are essential and necessary for all students. The implementation of the ideas, concepts, knowledge, and 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. The Core should be taught with respect for differences in learning styles, learning rates, and individual capabilities without losing sight of the common goals. Using a "hands-on" instructional approach involving techniques such as problem solving, reasoning, simulation, and direct application of the concepts of this Core to the world in which students live will empower them to incorporate the concepts of the General Financial Literacy Core into their lives. The General Financial Literacy Core will incorporate concepts and skills from mathematics, language arts, social studies, applied technology, character education, and applied service learning.

Geometry A MAT3221
Grades: 10 College Prep: Yes Credit: 0.500

PREREQUISITE: Algebra I or Honors Algebra I

Fall Semester: This course includes communicating with vocabulary and notation of Geometry, deductive reasoning, analysis of graphs and charts, problem solving and applications of Geometric Theorems, drawings and models to real world problems. The student will make connections between Geometry, Algebra, discrete mathematics, statistics, measurement, and number theory



Maricopa High School Course Catalog

Year: 2016-2017

Department: Mathematics

Geometry B MAT3222
Grades: 10 College Prep: Yes Credit: 0.500

PREREQUISITE: Algebra I or Honors Algebra I

Spring Semester: This course includes communicating with vocabulary and notation of Geometry, deductive reasoning, analysis of graphs and charts, problem solving and applications of Geometric Theorems, drawings and models to real world problems. The student will make connections between Geometry, Algebra, discrete mathematics, statistics, measurement, and number theory.

Geometry Blended A MAT3251
Grades: 10 College Prep: Yes Credit: 0.500

COREQUISITE: English II Blended

PREREQUISITE: Algebra I or Algebra I Honors

This course is an alternative choice for the required 10th grade Geometry class and is partnered with Blended Learning English II. Blended Learning Geometry combines daily computer use and project based learning to explore Geometry concepts. All projects incorporate English and geometry components, are real world based, and presented to a panel of professionals. This course includes communicating with vocabulary and notation of Geometry, deductive reasoning, analysis of graphs and charts, problem solving and applications of Geometric Theorems, drawings and models to real world problems. The student will make connections between Geometry, Algebra, discrete mathematics, statistics, measurement, and number theory. It is highly encouraged that blended learning students have internet access at home and student must be self-motivated. It is required students work with a variety of peers in a group setting.

Geometry Blended B MAT3252
Grades: 10 College Prep: Yes Credit: 0.500

COREQUISITE: English II Blended

PREREQUISITE: Algebra I or Algebra I Honors

This course is an alternative choice for the required 10th grade Geometry class and is partnered with Blended Learning English II. Blended Learning Geometry combines daily computer use and project based learning to explore Geometry concepts. All projects incorporate English and geometry components, are real world based, and presented to a panel of professionals. This course includes communicating with vocabulary and notation of Geometry, deductive reasoning, analysis of graphs and charts, problem solving and applications of Geometric Theorems, drawings and models to real world problems. The student will make connections between Geometry, Algebra, discrete mathematics, statistics, measurement, and number theory. It is highly encouraged that blended learning students have internet access at home and student must be self-motivated. It is required students work with a variety of peers in a group setting.

Geometry Honors A MAT3231
Grades: 10 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Algebra I Honors and/or Teacher Recommendation

Fall Semester: This is an accelerated course in plane and solid geometry for students who have proven their exceptional interest, ability and industry in mathematics. The content of the regular geometry course will be covered in depth with additional topics in analytic geometry, trigonometry and constructions.

Geometry Honors B MAT3232
Grades: 10 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Algebra I Honors and/or Teacher Recommendation

Spring Semester: This is an accelerated course in plane and solid geometry for students who have proven their exceptional interest, ability and industry in mathematics. The content of the regular geometry course will be covered in depth with additional topics in analytic geometry, trigonometry and constructions.

Pre-Calculus A MAT3421
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Algebra II

Fall Semester: Topics included in this course are: exponential and logarithmic functions, data analysis and statistics, trigonometric functions, polynomial and rational functions, linear systems and matrices.

Note: A graphing calculator such as the TI-84 is required.

Pre-Calculus B MAT3422
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Algebra II

Spring Semester: Topics included in this course are: exponential and logarithmic functions, data analysis and statistics, trigonometric functions, polynomial and rational functions, linear systems and matrices.

Note: A graphing calculator such as the TI-84 is required.

Pre-Calculus Honors A MAT3431
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Algebra II or Honors Algebra II and/or Teacher Recommendation

Fall Semester: This course will include an in depth study of systems, three dimensional coordinate geometry and linear geometry. Mathematical thinking, including specific attention to logic and proof, is a theme throughout.

Note: A graphing calculator such as the TI-84 is required.

Pre-Calculus Honors B MAT3432
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Algebra II or Honors Algebra II and/or Teacher Recommendation

Spring Semester: This course will include an in depth study of systems, three dimensional coordinate geometry and linear geometry. Mathematical thinking, including specific attention to logic and proof, is a theme throughout.

Note: A graphing calculator such as the TI-84 is required.

Transfer Math MATT000
Grades: 09 - 12 College Prep: Yes Credit: 0.500

** This course is used by MHS Administration for transcribing transfer student credits **



Maricopa High School

Course Catalog

Year: 2016-2017

Department: Modern Language

AP Spanish A **MLA3411**
Grades: 11 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Spanish III or Honors Spanish III and/or Teacher Recommendation

Fall Semester: This course focuses on preparing students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives in the target language. In this college-level course, students will read and carefully analyze a broad and challenging range of texts, deepening their awareness of rhetoric and language. Students will develop their ability to work with language with a greater awareness of purpose and strategy, while strengthening their own compositions. Students will frequently collaborate about their writing in peer-review sessions during class. This course emphasis will be placed on the end of the school year AP exam through which students can acquire college credit by obtaining a grade of 4 or above in the advanced placement exam. Complex grammar structures are learned so that the student can communicate in all tenses. In-depth cultural aspects of the people and countries where the target language is spoken are explored through a variety of activities including videos, music, and enrichment opportunities in order to prepare for the AP exam.

AP Spanish B **MLA3412**
Grades: 11 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Spanish III or Honors Spanish III and/or Teacher Recommendation

Spring Semester: This course focuses on preparing students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives in the target language. In this college-level course, students will read and carefully analyze a broad and challenging range of texts, deepening their awareness of rhetoric and language. Students will develop their ability to work with language with a greater awareness of purpose and strategy, while strengthening their own compositions. Students will frequently collaborate about their writing in peer-review sessions during class. This course emphasis will be placed on the end of the school year AP exam through which students can acquire college credit by obtaining a grade of 4 or above in the advanced placement exam. Complex grammar structures are learned so that the student can communicate in all tenses. In-depth cultural aspects of the people and countries where the target language is spoken are explored through a variety of activities including videos, music, and enrichment opportunities in order to prepare for the AP exam.

German 1-A **MLA3131**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

Designed to introduce students to German language and culture, German I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent 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. German culture is introduced through the art, literature, customs, and history of the German-speaking people.

German 1-B **MLA3132**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

Designed to introduce students to German language and culture, German I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent 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. German culture is introduced through the art, literature, customs, and history of the German-speaking people.

German 2-A **MLA3231**
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: German I

German II courses build upon skills developed in German I, extending students' ability to understand and express themselves in German 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 the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of German-speaking people to deepen their understanding of the culture(s).

German 2-B **MLA3232**
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: German I

German II courses build upon skills developed in German I, extending students' ability to understand and express themselves in German 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 the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of German-speaking people to deepen their understanding of the culture(s).

Spanish 1-A **MLA3101**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

Fall Semester: This course is an introduction to the language and the culture of the Spanish-speaking world. The student learns vocabulary and grammar through listening, speaking, reading and writing. Emphasis is on simple conversation skills.

Spanish 1-B **MLA3102**
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

Spring Semester: This course is an introduction to the language and the culture of the Spanish-speaking world. The student learns vocabulary and grammar through listening, speaking, reading and writing. Emphasis is on simple conversation skills.

Spanish 2 Honors A **MLA3211**
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Spanish I or Honors Spanish I and/or Teacher Recommendation

Fall Semester: This course is for high ability and highly motivated students, emphasizes conversation, grammatical construction and development, writing, reading, and listening. Further cultural studies are explored. The Honors class includes more in-depth writing exercises, short stories, and poetry. The material will be taught primarily in the target language, and the student's use of the target language will be promoted and fostered.

Spanish 2 Honors B **MLA3212**
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Spanish I or Honors Spanish I and/or Teacher Recommendation

Spring Semester: This course is for high ability and highly motivated students, emphasizes conversation, grammatical construction and development, writing, reading, and listening. Further cultural studies are explored. The Honors class includes more in-depth writing exercises, short stories, and poetry. The material will be taught primarily in the target language, and the student's use of the target language will be promoted and fostered.



Maricopa High School Course Catalog

Year: 2016-2017

Department: Modern Language

Spanish 2-A MLA3201
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Spanish I

Fall Semester: This is a continuation of Spanish I with more practice in the listening, speaking, reading and writing skills. New vocabulary and grammar are presented. Students will increase aural-oral skills through conversation and written skills with simple compositions.

Spanish 2-B MLA3202
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Spanish I

Spring Semester: This is a continuation of Spanish I with more practice in the listening, speaking, reading and writing skills. New vocabulary and grammar are presented. Students will increase aural-oral skills through conversation and written skills with simple compositions.

Spanish 3 Honors A MLA3311
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Spanish II or Honors Spanish II and/or Teacher Recommendation

Fall Semester: This course is designed to refine, perfect and enhance the language skills, listening, speaking, reading and writing. It emphasizes active communication in Spanish and broadens the student's understanding of Hispanic culture.

Spanish 3 Honors B MLA3312
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Spanish II or Honors Spanish II and/or Teacher Recommendation

Spring Semester: This course is designed to refine, perfect and enhance the language skills, listening, speaking, reading and writing. It emphasizes active communication in Spanish and broadens the student's understanding of Hispanic culture.

Spanish 3-A MLA3301
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Spanish II or Honors Spanish II

This course is intended to engage students in communication with spoken and written Spanish language. Spanish 3 expands on key grammatical points including past tenses, commands, and the subjunctive mood. Students will also be able to imitate and learn appropriate gestures, intonation, and common idiomatic expressions through social interaction.

Spanish 3-B MLA3302
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Spanish II or Honors Spanish II

This course is intended to engage students in communication with spoken and written Spanish language. Spanish 3 expands on key grammatical points including past tenses, commands, and the subjunctive mood. Students will also be able to imitate and learn appropriate gestures, intonation, and common idiomatic expressions through social interaction.

Transfer Foreign Language MLAT000
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

** This course is used by MHS Administration for transcribing transfer student credits **



Maricopa High School

Course Catalog

Year: 2016-2017

Department: Physical Education

Advanced PE - Fall PED3201
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Must be an athlete on campus with coach recommendation

Fall Semester: This course includes a wide variety of activities at a higher skill level than the physical education and strength and condition courses. Students will participate in an intensified and structured strength training program along with getting one-on-one instruction with participating coaches from sports programs at the school. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Advanced PE - Fall - Freshmen PED3205
Grades: 09 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Must be a freshman athlete on campus with coach recommendation

Fall Semester: This course includes a wide variety of activities at a higher skill level than the general physical education and strength and condition courses. Students will participate in an intensified and structured strength training program along with getting one-on-one instruction with participating coaches from sports programs at the school. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Advanced PE - Spring PED3202
Grades: 10 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Must be an athlete on campus with coach recommendation

Spring Semester: This course includes a wide variety of activities at a higher skill level than the physical education and strength and condition courses. Students will participate in an intensified and structured strength training program along with getting one-on-one instruction with participating coaches from sports programs at the school. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Advanced PE - Spring - Freshmen PED3206
Grades: 09 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Must be a freshman athlete on campus with coach recommendation

Spring Semester: This course includes a wide variety of activities at a higher skill level than the general physical education and strength and condition courses. Students will participate in an intensified and structured strength training program along with getting one-on-one instruction with participating coaches from sports programs at the school. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Physical Education PED3100
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

This course is designed to help students acquire the knowledge, processes, and skills needed to engage in meaningful physical activity both in the present and for a lifetime. The process of participating regularly in a physically active lifestyle will lead to personal enjoyment, satisfaction, and a health-enhancing level of personal fitness. Health education is also offered in this course approximately 1 day per week. Health education is designed to offer students the information, resources and solutions they need to make healthier lifestyle decisions. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Strength & Conditioning - Female - Spring PED3114
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Physical Education

Spring Semester: This course is designed to utilize basic strength training and conditioning principles as an avenue for physical wellness. In any of our physical education courses we are committed to providing avenues for students to utilize in order to be physically active for a lifetime. This class is designed to be effective for lifters of all levels. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Strength & Conditioning - Female -Fall PED3113
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Physical Education

Fall Semester: This course is designed to utilize basic strength training and conditioning principles as an avenue for physical wellness. In any of our physical education courses we are committed to providing avenues for students to utilize in order to be physically active for a lifetime. This class is designed to be effective for lifters of all levels. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Strength & Conditioning - Male - Fall PED3111
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Physical Education

Fall Semester: This course is designed to utilize basic strength training and conditioning principles as an avenue for physical wellness. In any of our physical education courses we are committed to providing avenues for students to utilize in order to be physically active for a lifetime. This class is designed to be effective for lifters of all levels. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Strength & Conditioning - Male - Spring PED3112
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Physical Education

Spring Semester: This course is designed to utilize basic strength training and conditioning principles as an avenue for physical wellness. In any of our physical education courses we are committed to providing avenues for students to utilize in order to be physically active for a lifetime. This class is designed to be effective for lifters of all levels. Health and fitness related testing is done each semester. This class has a dress-code requirement.

Transfer Health HEAT000
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

** This course is used by MHS Administration for transcribing transfer student credits **

Transfer Physical Education PEDT000
Grades: 09 - 12 **College Prep: Yes** **Credit: 0.500**

** This course is used by MHS Administration for transcribing transfer student credits **



Maricopa High School

Course Catalog

Year: 2016-2017

Department: Science

AP Biology A **SCI3411**
Grades: 11 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Biology/Honors Biology and Chemistry/Honors Chemistry

Fall Semester: AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors. The course will include topics such as molecular genetics and heredity, cellular processes, organic compounds, evolutionary biology, ecology, and the kingdoms of life. This is a very rigorous lab-oriented course and may include dissection.

AP Biology B **SCI3412**
Grades: 11 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Biology/Honors Biology and Chemistry/Honors Chemistry

Spring Semester: AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors. The course will include topics such as molecular genetics and heredity, cellular processes, organic compounds, evolutionary biology, ecology, and the kingdoms of life. This is a very rigorous lab-oriented course and may include dissection.

AP Chemistry A **SCI3421**
Grades: 11 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Chemistry and "C" or higher in Algebra II

Fall Semester: AP Chemistry allows students to attain a depth of understanding of fundamentals and a competence in dealing with chemical problems. Critical thinking and lab techniques are emphasized. Students do have the option to take the AP exam at the end of the school year.

AP Chemistry B **SCI3422**
Grades: 11 - 12 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Chemistry and "C" or higher in Algebra II

Spring Semester: AP Chemistry allows students to attain a depth of understanding of fundamentals and a competence in dealing with chemical problems. Critical thinking and lab techniques are emphasized. Students do have the option to take the AP exam at the end of the school year.

Biology A **SCI3201**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: ChemPhysics or teacher recommendation

Fall Semester: Major areas of study: cell structure, function and processes, genetics, classification, microbiology, plants, animals, evolution, human systems and ecology. Biology fulfills college entrance and district graduation requirements. This course may include dissection.

Biology B **SCI3202**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: ChemPhysics or teacher recommendation

Spring Semester: Major areas of study: cell structure, function and processes, genetics, classification, microbiology, plants, animals, evolution, human systems and ecology. Biology fulfills college entrance and district graduation requirements. This course may include dissection.

Biology Honors A **SCI3211**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in ChemPhysics and/or teacher recommendation

Fall Semester: Honors Biology provides the above average student with a course having more scope, more depth and more investigations than the regular biology program. This is a lab course that includes a study of principles governing all living things, microbiology, multi-cellular plants, biology of invertebrates and vertebrates, biology of man, and ecological relationships. This course may include dissection. 8th grade students who want to be in 9th grade honors Biology must maintain a B or higher in 8th grade science and score an 85% or better on a placement exam.

Biology Honors B **SCI3212**
Grades: 10 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in ChemPhysics and/or teacher recommendation

Spring Semester: Honors Biology provides the above average student with a course having more scope, more depth and more investigations than the regular biology program. This is a lab course that includes a study of principles governing all living things, microbiology, multi-cellular plants, biology of invertebrates and vertebrates, biology of man, and ecological relationships. This course may include dissection. 8th grade students who want to be in 9th grade honors Biology must maintain a B or higher in 8th grade science and score an 85% or better on a placement exam.

Chemistry A **SCI3301**
Grades: 10 - 11 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Algebra 1 and Biology

Fall Semester: Chemistry includes the study of the atom, atomic energy, the formation of molecules, the mathematics of chemistry and related experimental work. The vocabulary of the chemist is emphasized, as are correct laboratory procedures and techniques. Fulfills requirement for entrance into Arizona universities

Chemistry B **SCI3302**
Grades: 10 - 11 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: Algebra 1 and Biology

Spring Semester: Chemistry includes the study of the atom, atomic energy, the formation of molecules, the mathematics of chemistry and related experimental work. The vocabulary of the chemist is emphasized, as are correct laboratory procedures and techniques. Fulfills requirement for entrance into Arizona universities

Chemistry Honors A **SCI3311**
Grades: 10 - 11 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Algebra I and Biology

Fall Semester: Honors Chemistry includes the study of the atom, atomic energy, the formation of molecules, the mathematics of chemistry and related experimental work. The vocabulary of the chemist is emphasized, as are correct laboratory procedures and techniques. This course fulfills requirement for entrance into Arizona universities. This course has increased requirements from regular chemistry.

Chemistry Honors B **SCI3312**
Grades: 10 - 11 **College Prep: Yes** **Credit: 0.500**

PREREQUISITE: "B" or higher in Algebra I and Biology

Spring Semester: Honors Chemistry includes the study of the atom, atomic energy, the formation of molecules, the mathematics of chemistry and related experimental work. The vocabulary of the chemist is emphasized, as are correct laboratory procedures and techniques. This course fulfills requirement for entrance into Arizona universities. This course has increased requirements from regular chemistry.



Maricopa High School Course Catalog

Year: 2016-2017

Department: Science

ChemPhysics A **SCI3101**
Grades: 09 College Prep: Yes Credit: 0.500

Fall Semester: ChemPhysics is a lab course that explores forces and processes that operate in the universe. This basic chemistry and physics course meets the requirements for Maricopa High School graduation and Arizona university entrance as a science lab credit course.

ChemPhysics B **SCI3102**
Grades: 09 College Prep: Yes Credit: 0.500

Spring Semester: ChemPhysics is a lab course that explores forces and processes that operate in the universe. This basic chemistry and physics course meets the requirements for Maricopa High School graduation and Arizona university entrance as a science lab credit course.

Earth Science A **SCI3321**
Grades: 11 - 12 College Prep: No Credit: 0.500

NOTE: This course does not meet university entrance requirements.

PREREQUISITE: Biology

Fall Semester: The earth science course focuses on all aspects of our planet, including the solid earth (soil and rock), water (fresh water and marine), atmosphere, and their interactions with living systems. Each aspect of earth interacts with the others in many important ways and the study of these interactions is increasingly vital to society. This class is based around concepts not mathematics.

Earth Science B **SCI3322**
Grades: 11 - 12 College Prep: No Credit: 0.500

NOTE: This course does not meet university entrance requirements.

PREREQUISITE: Biology

Spring Semester: The earth science course focuses on all aspects of our planet, including the solid earth (soil and rock), water (fresh water and marine), atmosphere, and their interactions with living systems. Each aspect of earth interacts with the others in many important ways and the study of these interactions is increasingly vital to society. This class is based around concepts not mathematics.

Physics A **SCI3391**
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Geometry and Chemistry

CO-REQUISITE: Algebra II or higher level math course

Fall Semester: This is a lab course that explores key physics concepts and build problem-solving skills with hands-on experiments and projects. Concepts covered include forces, vectors, momentum machines, energy, magnetism, electricity, and mathematical relationships for physical processes.

Physics B **SCI3392**
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: Geometry and Chemistry

CO-REQUISITE: Algebra II or higher level math course

Spring Semester: This is a lab course that explores key physics concepts and build problem-solving skills with hands-on experiments and projects. Concepts covered include forces, vectors, momentum machines, energy, magnetism, electricity, and mathematical relationships for physical processes.

Physics Honors A **SCI3401**
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Geometry and Chemistry

CO-REQUISITE: Algebra II or higher level math course

Fall Semester: This is a course that explores key physics concepts and builds problem-solving skills with hands-on experiments and projects. Concepts covered include forces, vectors, momentum machines, energy, magnetism, and electricity.

Physics Honors B **SCI3402**
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Geometry and Chemistry

CO-REQUISITE: Algebra II or higher level math course

Spring Semester: This is a course that explores key physics concepts and builds problem-solving skills with hands-on experiments and projects. Concepts covered include forces, vectors, momentum machines, energy, magnetism, and electricity.

Transfer Lab Science **SCIT100**
Grades: 09 - 12 College Prep: Yes Credit: 0.500

** This course is used by MHS Administration for transcribing transfer student credits **

Transfer Non-Lab Science **SCIT200**
Grades: 09 - 12 College Prep: No Credit: 0.500

** This course is used by MHS Administration for transcribing transfer student credits **



Maricopa High School Course Catalog

Year: 2016-2017

Department: Social Studies

American Government SST3400
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: American/Arizona History

The fundamentals of government on the national, state and local levels will be examined, including the three branches of government, rights and responsibilities of American citizenship, and the development and role of politics in our society. This course also includes a unit covering Arizona government. In order to meet the graduation requirement, this must be taken in conjunction with Economics.

American/Arizona History A SST3301
Grades: 11 College Prep: Yes Credit: 0.500

PREREQUISITE: World Studies or AP World History

Fall Semester: This is a study of the growth and development of the United States from independence to the present. Emphasis is on the founding principles of democracy and the experiences of the American people in transforming their society from colonies to a responsible world power. This course builds on an understanding of the cultural patterns and economic trends that are responsible for our present American character. Independence to the Second Industrial Revolution will be more of a review. The focus will be from the Second Revolution to present day. Special emphasis on the impact relating to Arizona will be included.

American/Arizona History B SST3302
Grades: 11 College Prep: Yes Credit: 0.500

PREREQUISITE: World Studies or AP World History

Spring Semester: This is a study of the growth and development of the United States from independence to the present. Emphasis is on the founding principles of democracy and the experiences of the American people in transforming their society from colonies to a responsible world power. This course builds on an understanding of the cultural patterns and economic trends that are responsible for our present American character. Independence to the Second Industrial Revolution will be more of a review. The focus will be from the Second Revolution to present day. Special emphasis on the impact relating to Arizona will be included.

AP American Government SST3410
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in American/Arizona History

This is a 1/2 credit, one semester, college freshman-level equivalent course that will focus on American Government. It fulfills requirements for American Government for high school graduation. This class requires proficient writing skills. Students who pass the optional Advance Placement test may be eligible to receive college credit. Must complete full year of Government and Economics to meet graduation requirement or student will only receive elective credit for this class.

AP Economics SST3460
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in American/Arizona History

This is a 1/2 credit, one semester, college freshmen-year equivalent course to give students a thorough understanding of the essential elements of macroeconomics that apply to an economic system as a whole. The course will emphasize material appropriate to preparation for the AP Macroeconomics exam which includes topics such as the study of national income and price-level determination, and also develops students familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics.

AP United States History A SST3321
Grades: 11 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in World Studies or AP World History

Fall Semester: This is a one-credit, full-year, college-equivalent course will focus on the history of the United States. Generally, this course will cover colonial European origins to the post 9-11 present. It will introduce students to social, economic, and political developments that played a role in shaping the American culture and identity. The goals of this course, in addition to providing a basic narrative of events and movements, are to develop (a) an understanding of some of the principle themes throughout U.S. history, (b) an ability to analyze historical evidence, and (c) an ability to analyze and express historical understanding through writing and speech. Highly effective study habits along with reading and writing skills are essential in order to be successful in this course. Students who pay for and pass the optional Advanced Placement test may be eligible to receive college credit. This class does fulfill the required American History credit for graduation.

AP United States History B SST3322
Grades: 11 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in World Studies or AP World History

Spring Semester: This is a one-credit, full-year, college-equivalent course will focus on the history of the United States. Generally, this course will cover colonial European origins to the post 9-11 present. It will introduce students to social, economic, and political developments that played a role in shaping the American culture and identity. The goals of this course, in addition to providing a basic narrative of events and movements, are to develop (a) an understanding of some of the principle themes throughout U.S. history, (b) an ability to analyze historical evidence, and (c) an ability to analyze and express historical understanding through writing and speech. Highly effective study habits along with reading and writing skills are essential in order to be successful in this course. Students who pay for and pass the optional Advanced Placement test may be eligible to receive college credit. This class does fulfill the required American History credit for graduation.

AP World History A SST3221
Grades: 10 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Honors English I

Fall Semester: The full-year course explores the expansive history of the human world. Students will learn the critical thinking skills necessary to analyze historical evidence. Five themes will be used as a frame of reference in the chronological study of our world's history: Interaction between humans and the environment; development and interaction of cultures; state-building, expansion and conflict; creation, expansion, and interaction of economic systems; and, development and transformation of social structures. Students will acquire skills to examine change over time, including the causation of events as well as the major effects of historical developments, the interconnectedness of events over time, and the spatial interactions that occur over time that have geographical, political, cultural, and social significance.

AP World History B SST3222
Grades: 10 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in Honors English I

Spring Semester: The full-year course explores the expansive history of the human world. Students will learn the critical thinking skills necessary to analyze historical evidence. Five themes will be used as a frame of reference in the chronological study of our world's history: Interaction between humans and the environment; development and interaction of cultures; state-building, expansion and conflict; creation, expansion, and interaction of economic systems; and, development and transformation of social structures. Students will acquire skills to examine change over time, including the causation of events as well as the major effects of historical developments, the interconnectedness of events over time, and the spatial interactions that occur over time that have geographical, political, cultural, and social significance.



Maricopa High School

Course Catalog

Year: 2016-2017

Department: Social Studies

Economics SST3450
Grades: 12 College Prep: Yes Credit: 0.500

PREREQUISITE: American/Arizona History

This course is a study of microeconomics and macroeconomics. Economics familiarizes the student with the essentials of the free enterprise system and other economic systems of the world. Included are the principles of supply and demand, and the economic problems of resource allocation. Emphasis is placed on the economic skills necessary for real life applications.

Psychology SST3510
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in English II or Honors English II

Psychology's goal is for students to develop a curiosity about, and appreciation of, the extent to which scientific methods can be applied to problems of human behavior. Includes a basic understanding of what psychology is, its relationship to learning, personality development, behavioral disorders, personal and social adjustments, and a review of the place of behavior in society. The emphasis is on healthy, psychological behavior, but behavioral disorders are also considered.

Sociology SST3520
Grades: 11 - 12 College Prep: Yes Credit: 0.500

PREREQUISITE: "B" or higher in English II or Honors English II

Sociology offers materials essential to understanding people and the complexities of today's society. Includes understanding basic social units, social institutions, social norms and social changes, each of which are relevant in our present society. The study of sociology requires that students and teachers keep an open mind in dealing with a variety of socially diverse experiments, simulations, surveys and projects.

Transfer Social studies SSTT000
Grades: 09 - 12 College Prep: Yes Credit: 0.500

** This course is used by MHS Administration for transcribing transfer student credits **

World Studies A SST3201
Grades: 10 College Prep: Yes Credit: 0.500

The first semester traces the history and development of world cultures and civilization, from early settlements in Mesopotamia through the Middle Ages. Students will learn to employ geographic tools and develop research skills to appropriately analyze historical events. This is accomplished through the study of history, art and literature, and people, places and events.

World Studies B SST3202
Grades: 10 College Prep: Yes Credit: 0.500

The second semester continues the endeavors of the first semester by reviewing the Middle Ages, introducing the Renaissance in Europe and ending the semester with present day culture and globalization. Studies include politics, economics, religion, society, intellectual development and artistic expression.