



2024-2025

High School Planning Guide





MUSD High School

Course Catalog

2024-2025

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GENERAL INFORMATION:

This course guide contains a list of high school (9th-12th grade) courses offered at Desert Sunrise High School and Maricopa High School. Graduation requirements, course prerequisites, and other pertinent information are included in this guide. Students need to carefully review their options in order to make informed decisions about the courses they will take to prepare them for opportunities beyond high school. It is critical to review graduation requirements before selecting courses. Technical schools, community colleges, and universities each have unique requirements for entrance that may go beyond what is required to earn a diploma and must be considered when selecting courses. When selecting courses, it is important to make sure that prerequisite requirements have been met. Student selections of courses are used to develop classes as well as assign and hire teachers to meet student requests. Courses may not be available if sufficient registration requests are not received.

COUNSELING 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 strongly encouraged to take advantage of the many services offered through the counseling department. Students may sign up for an appointment in the counseling office before school, after school, or during lunch.



MARICOPA UNIFIED SCHOOL DISTRICT GRADUATION REQUIREMENTS

C R E D I T S N E E D E D F O R G R A D U A T I O N

Subject	Standard Diploma	AZ University Entrance
ENGLISH	4	4
MATHEMATICS	4 (Algebra I, Geometry, Algebra II, and an additional Math)	4 (Algebra I, Geometry, Algebra II, and an additional Math)
SCIENCE	3 Lab Sciences (Biology, Physical Science, and an Additional Science)	3 Lab Sciences (Biology, Physical Science, and an Additional Science)
SOCIAL STUDIES	3 (Gov. & Econ)	2 (1 year of American History)
WORLD LANGUAGES	--	2 (Verify with Admissions)
CTE or FINE ARTS	1 (Fine or Practical Arts)	1 (Fine or Practical Arts)
ECAP/CCT Education & Career Action Plan	0.5	--
PHYSICAL EDUCATION	0.5	--
ELECTIVE CREDITS	6	--
Total Required Credits	22	16
Grade Point Average (GPA)	No Minimum GPA	3.0
STATE REQUIRED ASSESSMENTS	CPR Certification Civics Test	CPR Certification Civics Test

GRADE LEVEL

A graduation cohort is determined by the year of entrance into high school. For example, a student entering high school in 2022 as a freshman is a member of the 2026 cohort. A cohort year is used to determine when a student takes state assessments, credits required to graduate, and expected graduation date.

LATE ENROLLMENT/AUDIT

If a student registers at the high school after the 20th day of the semester and has not attended any school during the past 20 school days, the student may be registered and have the opportunity to earn credit if missed work is made up according to the requirements of the classroom teacher. If a student does not make up the work, they will be considered as auditing the course and be required to attend and participate in the class but will NOT earn credit for the semester.

MINIMUM CLASS LOAD REQUIREMENTS

Governing Board policy requires MUSD students to be enrolled in six (6) credit bearing classes until their senior year. Graduating seniors are required to enroll in a minimum of five (5) credit bearing courses on campus. Seniors need to review their credits with a counselor to ensure that all graduation requirements are being met. Lunch is not a credit bearing course. Release for religious instruction is not a credit bearing course.

COURSE SELECTION AND SCHEDULE CHANGES

Selecting courses is an important process that involves students, parents, and school personnel. After reviewing course offerings and considering a student's long-term goals, a full schedule of classes is selected. Although there is no guarantee that a student will receive a schedule with all of the requested choices, every attempt is made to ensure a schedule is correct and accurate. If a mistake is made, school personnel will correct the situation. Keep in mind that schedule changes will only be made if an error has been made or it is in the best interest of the student. There will be no course changes after the 10th day of each semester. Course changes may require parent and administrative permission. We expect that students will thoroughly discuss their desires in changing their schedule with parents/guardians and staff keeping in mind the possible consequences for graduation, class rank, career preparation or college admission. Athletes and students involved in other extra-curricular activities should pay special attention to the consequences of dropping a class and its effect on eligibility.

EDUCATION AND CAREER ACTION PLANNING (ECAP)

An ECAP, required by the State Board of Education, reflects a student's current plan of coursework, career aspirations, and extended learning opportunities to develop the student's individual academic and career goals. Every student in grades 9-12 shall develop an ECAP in consultation with a school counselor and parent/guardian. The student ECAP may be revised throughout high school to ensure that the student has the opportunity to study careers of his/her choice.

TRANSFER OF CREDITS

The following are guidelines for transfer of high school credit. Courses that meet daily for a semester represent .5 credit (a minimum of 80 hours). Those that meet daily for an entire school year represent 1 credit. (160 hours). Acceptance of transfer credits from sources outside the Maricopa Unified School District is not automatic. Following a transfer, the receiving school will evaluate a student's transcript to identify credits that will be accepted in meeting core requirements and credits that will be accepted as electives; however, within 10 days of enrollment, a student may request to take an exam for any course accepted as an elective. If the student earns a score of 80%, demonstrating proficiency, the school will accept the transferred credit as core credit with the transcribed grade transfer. Students who plan to graduate from Desert Sunrise High School or Maricopa High School will be responsible for the district graduation requirements. In addition, students must earn at least two (2.5) credits from Desert Sunrise High School or Maricopa High School and be enrolled in the school during the semester of graduation.

ONLINE SCHOOL TRANSFER CREDIT

Acceptance of online transfer credits from outside of the district is not automatic. Administrator approval of any outside online course for high school credit is required prior to beginning the course. Academic counselors will assist in this process, if necessary. See transfer of credits above.

TEST FOR CREDIT

The purpose of the test for credit is to allow students to demonstrate course competencies instead of completing the course. Students who believe they are proficient in a course may request a test out exam within the first 10 days of each semester. Students may take only one test out exam per academic class (e.g. A student requesting a test out for a foreign language is allowed to sit for the exam a maximum of one time). Students who request to test out of a yearlong course must complete a test for both semesters. The district does not provide study guides, textbooks or other types of assistance. Credit will be given in the form of a P (pass) on the student's transcript only if the score is 80% or higher (this grade will not be calculated into the GPA). Once credit is awarded, a student may not take the course. Students should see their academic counselor for more information.

MIDDLE SCHOOL COURSE CREDIT

District policy allows students to receive high school credit for some middle school courses under specific provisions. Students desiring to earn Algebra 1 math credit for coursework completed at an MUSD middle school will need to A or B and a 70% on each of the semester final exams. Students wishing to receive credit for a World Language course will need to schedule a test out for both semesters scoring at least an 70% on the assessment. Credit will be given in the form of a P (pass) on the transcript (this grade will not be calculated into the GPA). Middle school coursework taken outside the Maricopa Unified School District will not be accepted for high school credit.

REPEATED COURSES

When a course is taken for the second time and is not a course that can be repeated for credit, the highest grade will be included in the GPA calculations. The course with the lower grade will be marked RPT on the transcript. Students who fail a core course will automatically be placed in credit recovery by the counselor.

CREDIT RECOVERY

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

- Counseling confirms prior course enrollment and failing grade to ensure appropriateness of request.
- A conference is scheduled with the academic counselor and student to discuss the program and expectations. Course requirements including computer assignments. All mastery tests must be taken at school with the instructor.
- Students may not take more than two Credit Recovery courses at the same time.
- If a student has completed a course, the credit recovery teacher should notify the counseling department of completion and the counselor should then set up a meeting with the student to determine further enrollment in credit recovery.

CROSS-CREDIT COURSES

The following list of courses may be used to substitute for credit in other areas. A more detailed description of each course is provided within the catalog.

- Courses that may be used or applied toward the physical education requirement: Dance I, II, III & Performance Dance, Color/Winter Guard, Marching Band, Intermediate Band, Symphonic Band, Marching/Indoor Percussion, AFJROTC.
- Courses that may be applied toward the science requirement: Students may receive a lab science credit with the combined completion of Agriscience 1 and Agriscience 2.

ENGLISH TRANSITION

English transition is provided for students with Limited English Proficiency (LEP). The program offers two hours of instruction that complement other coursework in required and elective courses. LEP students are tested for proper placement in this program.

ADVANCED PLACEMENT COURSES

Advanced Placement (AP) courses are available. AP courses prepare students to take the College Board Advanced Placement examination given in late spring of each school year. Students may be granted Advanced Placement status and/or college credit on the basis of how well they perform on these tests. Information regarding Advanced Placement courses and examinations is available from the counseling office or by visiting <http://apcentral.collegeboard.com/home>. Students are not required to take an Advanced Placement course to be eligible to take an Advanced Placement examination; however, students enrolled in AP courses are expected to take the AP exam. The exam does have a cost that the district does not currently fund. If the cost is a hardship, visit the counseling office for further information on fee waivers.

ADVANCED PLACEMENT CAPSTONE

Advanced Placement (AP) Capstone Diploma: The College Board's AP Capstone™ is an innovative college-level program based on two courses — AP® Seminar and AP Research — that complement and enhance discipline-specific AP courses. The program immerses high school students in the challenging practice of the critical skills students need for success in college and beyond, including the ability to think independently, write effectively, research, collaborate, and learn across disciplines. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma™. This option allows students taking multiple AP courses to distinguish themselves from their peers in the college application process. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams will receive the AP Seminar and Research Certificate™.

CENTRAL ARIZONA COLLEGE HIGH SCHOOL PROGRAMS (Formerly Dual Enrollment and Early College)

Central Arizona College High School programs allow MUSD high school students the opportunity to earn college credit while attending high school. Students can opt for traditional dual enrollment classes, taught by MUSD high school faculty on campus OR concurrent enrollment, taking online asynchronous courses directly from CAC. Students can qualify for the Early College Scholarship starting summer after 10th grade. This scholarship program allows students to take six credits per term (summer, fall, spring) for free. Students must earn a C or better in each course to maintain the scholarship. CAC HS Programs require students to apply to CAC and complete the HS Programs form available at www.centralaz.edu. Interested students should have a 3.0 high school GPA for admission. Dual enrollment courses offered at the high schools will be dependent on having qualified faculty each year.

PINAL PROMISE - FREE COLLEGE FOR MUSD GRADUATES

Central Arizona College promises every Maricopa Unified School District High School graduate free tuition for two years. Students can use the program to pursue an associates degree, transfer credits to a university towards a bachelors degree, or complete a certification/industry credential in a specific trade. Seniors must apply to CAC, apply for FAFSA (starting October 1), and complete the CAC Scholarship application. Students must enroll at CAC for the fall semester (August) of their graduating year to be eligible.

STATE UNIVERSITY ADMISSION AND SCHOLARSHIPS

Students seeking admission to Arizona public universities must meet ONE aptitude requirement (see below) and complete 16 core courses. Core classes include: 4 English credits, 4 mathematics credits, 3 lab science credits, 2 social science credits, 2 credits of the same second language, and 1 CTE or Fine Art credit. Aptitudes for admission include: 3.0 GPA, top 25% class rank, OR a qualified admission test score [22 ACT or 1120 SAT].

COURSE AVAILABILITY

MUSD high schools provide courses required for a student to graduate. Courses offered in the High School Planning Guide are subject to minimum course enrollment and appropriately certified teachers. Therefore, courses that do not have sufficient enrollment or an appropriately certified teacher may not be offered throughout the four year-year plan in a traditional setting.

ARIZONA SEAL OF ARTS PROFICIENCY

Maricopa Unified School District is proud to have been approved by the Arizona Department of Education to administer the Arizona Seal of Arts Proficiency to qualifying graduates of MUSD High Schools. The Seal of Arts Proficiency is awarded for outstanding achievement in the Arts during the four years of high school. Qualifying students are required to complete four credits in the arts including two in the same discipline with a 3.0 or higher GPA, complete 80 hours of Arts Participation beyond classroom requirements, and complete an extensive capstone project in their primary arts discipline under the supervision of an MUSD Arts Faculty Advisor. Our MUSD Seal of Arts Proficiency recipients are truly the most dedicated and outstanding artists and we are proud to be able to honor them through this program.

WEIGHTED COURSES

Weighted grades are assigned to courses that are accelerated and more challenging. A 5.0 grade point scale value is possible because of the academic rigor and high expectations in the work required for that course. Weighted courses are listed with Honors and AP designations in their titles. Grade point average (GPA) for transferring students is recomputed in order to align the transferring classes with courses offered at an MUSD high school. Students transferring from schools outside of MUSD will receive weighted grades only for those classes that align to the receiving school's AP and Honors classes. Colleges and universities may consider the unweighted or weighted grade point average. Weighted GPA is used in the class rank calculation.

WEIGHTED COURSES GRADING SCALE			
Percentage	Letter Grade	Regular	Honors/AP
90-100	A	4.0	5.0
80-89	B	3.0	4.0
70-79	C	2.0	3.0
60-69	D	1.0	1.0
0-59	F	0.0	0.0

HONORS COURSES GRADE EXPECTATIONS

Students enrolled in an honors course must maintain a "C" or higher quarter and semester grade in order to remain in the honors course. Students with less than a 70% may be placed in an on-level class at the quarter/semester.

TESTING

Colleges or universities may require the SAT or the ACT as a requirement for admission. Information and registration is available online at <http://www.collegeboard.com> for the SAT and www.actstudent.org for the ACT. The PSAT is a practice test for the SAT. PSAT is the qualifying test to be used for consideration for the National Merit Scholarship Program that must be taken during the junior year (11th grade). The PSAT is given in October of each year on campus for a fee. Sophomores are encouraged to take the PSAT as a practice for the junior year SAT test. Freshmen and sophomores will also have the opportunity to participate in the PSAT 10 each spring. Information is available in the counseling office. The ACT test is now the required state assessment that all juniors must take. There is no cost and it is proctored each Spring during the state assessment window.

STUDENT ATHLETES

Students that plan to participate in athletics in college for an NCAA level school should review requirements at the NCAA Eligibility Center at www.eligibilitycenter.org. Also, students interested in playing competitive sports at NAIA colleges need to register and receive

an eligibility determination at <http://www.playnaia.org/>. Questions regarding academic requirements should be directed to the school's NCAA Coordinator.

EARLY GRADUATION: District Policy IKFA

Students desiring early graduation must submit a written request to the high school principal during the first half of the semester preceding the semester of desired completion. The principal may accept requests after this date in special circumstances. The request must contain the reasons for the request and the written approval of the student's parents or guardian. All graduation requirements must be met by the early completion date. Diplomas normally will be awarded only at the completion of the spring semester. However, final transcripts will be provided as soon as the high school requirements have been met.

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.
- Weighted grade point average is used for class rank determinations.
- For students transferring to Desert Sunrise High School or 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.

ATTENDANCE REQUIREMENTS

Since regular attendance is a key to academic success, students need to be in attendance daily. School attendance is the responsibility of the student and parent/guardian. Please review the attendance procedures and policies listed in the student handbook for additional information.

- A student should attend 90 percent of class sessions and may be at risk to lose credit if they fail to meet this standard. Cases involving prolonged illness or unusual circumstances will be reviewed by the school administration.
- There are two types of absences: excused and unexcused. Both count for attendance and loss of credit.
- Unexcused absences may result in teacher and/or administrator action, or both.
- Teachers are responsible for recording daily attendance and tardies in all classes.
- If tardies become excessive, administrative action will be taken.
- A student is considered absent from class if they enter the classroom more than ten (10) minutes after the designated start time.

ABSENCES

An absence is defined as a student not being present in his/her assigned classroom during his/her assigned period. An unexcused absence is any absence from one or more class periods, which has not been excused by a parent and does not meet the excusable absence requirements. Truancy is 5 days of unexcused absences. A student who reaches 10 absences, excused or unexcused, during a semester may lose credit in the class or classes in which the 10 days are recorded. Excused absences are for illness, religious holidays, appointments, school sanctioned activities and death in the family. These absences are excused as long as a parent calls in and/or provides documentation. If a student receives a "no credit" (NC) for a course/s, they can appeal for the credit to be reinstated by completing a form, providing documentation and a letter explaining the situation that resulted in the absences. Parents/guardians may notify the school of an absence by calling MHS 520-568-8100 or emailing mhsattendance@musd20.org or DSHS at 520-509-0400 or emailing at dshsattendance@musd20.org.

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 9 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 Desert Sunrise High School and Maricopa High School campuses as well as our Career Technical Education District School, Central Arizona Valley Institute of Technology (CAVIT), campuses.

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 Desert Sunrise High School or 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 and Desert Sunrise High School provide 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 pre-vocational job skills/training. Special services such as programs for the hearing impaired, visually handicapped and physically handicapped are arranged as needed.

SPECIAL EDUCATION CHILD FIND

It is the Maricopa Unified School District's 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 to 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



NOTICE OF NONDISCRIMINATION

Annual Nondiscrimination Notification

Maricopa Unified School District does not discriminate on the basis of sex, race, color, national origin, age, or disability in its program or activities. Maricopa Unified School District Career and Technical Education department does not discriminate in enrollment or access to any of the programs available, such as Agriculture, Communications, Business Management, Education & Training, Hospitality & Tourism, Information Technology, Law & Public Safety, Marketing, and Science, Technology, Engineering & Mathematics. The lack of English language skills shall not be a barrier to admission or participation in the district's activities and programs. Maricopa Unified School District also does not discriminate in its hiring or employment practices. The following people have been designated to handle inquiries regarding nondiscrimination policies: Tom Beckett, Assistant Superintendent of Human Resources & Title IX Coordinator: (520) 568-5100 ext. 1003, tbeckett@musd20.org. Dr. Lindsay Stollar Slover, Director of Exceptional Student Services & 504 Coordinator: (520) 568-5100 ext. 1018, lstollarslover@musd20.org.

Notificación anual contra la discriminación

El Distrito Escolar Unificado de Maricopa no discrimina por motivos de sexo, raza, color, origen nacional, edad o discapacidad en sus programas o actividades. El departamento de Educación Técnica y Profesional del Distrito Escolar Unificado de Maricopa no discrimina en la inscripción o el acceso a ninguno de los programas disponibles, como Agricultura, Comunicaciones, Administración de Empresas, Educación y Capacitación, Hospitalidad y Turismo, Tecnología de la Información, Leyes y Seguridad Pública, Mercadeo, y Ciencia, Tecnología, Ingeniería y Matemáticas. La falta de habilidades en el idioma inglés no será una barrera para la admisión o participación en las actividades y programas del distrito. El Distrito Escolar Unificado de Maricopa tampoco discrimina en sus prácticas de contratación o empleo. La siguiente persona ha sido designada para manejar consultas sobre las políticas de no discriminación: Tom Beckett, Assistant Superintendent of Human Resources & Title IX Coordinator: (520) 568-5100 ext. 1003, tbeckett@musd20.org. Dr. Lindsay Stollar Slover, Director of Exceptional Student Services & 504 Coordinator: (520) 568-5100 ext. 1018, lstollarslover@musd20.org.

college and

COURSE SEQUENCES

English

Course Sequence for Graduation

Four credits of English are required for graduation.

Four credits of English are required for university admission.

Each English course is equivalent to one full credit.

Please see course descriptions for prerequisites and specific offerings at each high school

Grade 9	Grade 10	Grade 11	Grade 12
English I English I Honors	English II English II Honors	English III AP Language & Composition AP Literature & Composition English 101/102*	English IV AP Literature & Composition AP Language & Composition English 101/102*

* Dual Enrollment requires enrollment with Central Arizona College and CAC HS Programs form

* ENG 101, 3 credit course taught fall semester

* ENG 102, 3 credit course taught spring semester

Math

Course Sequence for Graduation

Four credits of Math are required for graduation.

Four credits of Math are required for university admission.

Each Math course is equivalent to one full credit.

Please see course descriptions for prerequisites and specific offerings at each high school.

Grade 9	Grade 10	Grade 11	Grade 12
Algebra I Algebra I Honors Geometry Geometry Honors	Geometry Geometry Honors Algebra II Algebra II Honors	Algebra II Algebra II Honors Pre-Calculus Pre-Calculus Honors	Pre-Calculus Pre-Calculus Honors Probability & Statistics AP Calculus AB AP Calculus BC AP Statistics Math 141/151* Financial Literacy**

* Dual Enrollment requires enrollment with Central Arizona College and CAC HS Programs form

* MAT 141 - College Mathematics, 4 credit course taught over full school year

* MAT 151 - College Algebra, 4 credit course taught over full school year

** Financial Literacy - not for NCAA or Arizona university admissions credit

Science

Course Sequence for Graduation

Three credits of Science are required for graduation.

Three credits of lab science are required for university admission.

Each Science course is equivalent to one full credit.

Please see course descriptions for prerequisites and specific offerings at each high school.

Grade 9	Grade 10	Grade 11	Grade 12
Biology Biology Honors BIO 100*	Chemistry Chemistry Honors Earth Science CHM 130*	Earth Science Chemistry Chemistry Honors Anatomy & Physiology Physics Anatomy & Physiology Honors BIO 160* Physics Honors AP Chemistry/CHM 151* AP Biology/BIO 181*	

* Dual Enrollment requires enrollment with Central Arizona College and CAC HS Programs form

* All science college courses are four credits taken over the school year; tuition may be required for grades 9-10

Social Studies

Course Sequence for Graduation

Three credits of Social Studies are required for graduation.

Two credits of Social Studies are required for in-state university admission, including US History.

Each Social Studies course is equivalent to one full credit unless noted as ½ credit.

Please see course descriptions for prerequisites and specific offerings at each high school.

Grade 9	Grade 10	Grade 11	Grade 12
	World Studies AP World History	American/Arizona History AP US History	American Government (½ credit) Economics (½ credit) AP American Government (½ credit) AP Macro Economics (½ credit) AP Micro Economics (½ credit)

World Language

Course Sequence for Graduation

Two credits of the same Language are required for university admission.

There are courses for native Spanish speakers.

Each World Language course is equivalent to one full credit unless noted as ½ credit.

Languages Offered: Spanish, German, & Mandarin

Please see course descriptions for prerequisites and specific offerings at each high school.

Grade 9	Grade 10	Grade 11	Grade 12
Spanish I German I Spanish II Language Arts & Culture (Native Speakers)	Spanish II or Honors German II	Spanish III or Honors German III Honors	AP Spanish

COURSE FEE SCHEDULE

Art I	\$20*		Guitar 2	\$40
Drawing	\$30*		Band/Orchestra Instrument Rental	\$25*
Painting	\$30*		Dance I-A/B	\$60
Ceramics I	\$30*		Dance II-A/B	\$60
Ceramics II	\$30*		Dance III-A/B	\$60
AP Studio Art (all courses)	\$40*		Performance Dance A/B	\$60
Chamber Orchestra A/B	\$50**		Drama II-A/B	\$60
Chorus	\$50		Drama III-A/B	\$60
Mixed Choir	\$50		Academic Decathlon	\$30
Marching/Indoor Percussion	\$100**		Model UN	\$30
Marching Band/Concert Band	\$100**		Speech & Debate	\$30
Intermediate Band A/B	\$100**		Robotics	\$60
Symphonic Band A/B	\$100**		Forensic Science	\$60
Colorguard/Winterguard	\$100**		eSports	\$60
Pep Band	\$100**		PE Uniform	\$15
Beginning Band	\$50		Piano/Keyboard	\$50*
Guitar	\$30			

* Per Semester

** Additional fees may apply during the course of the year.

Band Fees (Marching/Concert, Intermediate, Symphonic, Percussion) apply ONCE per student per year (even if enrolled in multiple band courses). Colorguard and Winterguard are \$100 each semester (no more than \$200/yr if student is also in another band class).



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ENGLISH

English I - A/B

Grade: 09

Credit: 0.50

Graduation Requirement: English

Location: MHS-DSHS

Prerequisite: None

This course is required for all 9th grade students. This course will take students through literature and information texts to gain an understanding of the importance of feeling empathy for others, of assuming the responsibilities of leadership, of pursuing dreams, and of feeling the power of love. Students will be asked to analyze and provide evidence in a variety of collaborative discussions and activities to compare and contrast, identify common techniques, examine authorial and historical influences on texts, and develop clear expression of their own ideas based on important texts. Students will also focus on expanding and improving their writing skills through writing projects that are intended to develop their mastery of academic writing.

English I Honors - A/B (Weighted)

Grade: 09

Credit: 0.50

Graduation Requirement: English

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: 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, literary 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. This course is intended to prepare students to take Advanced Placement course in the English Language Arts by working towards enabling students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers and engaging students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. This course focuses on world literature, with an emphasis on understanding literary archetypes and the foundational skills of academic discourse in both oral and written settings.

English II - A/B

Grade: 10

Credit: 0.50

Graduation Requirement: English

Location: MHS-DSHS

Prerequisite: English I

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 II Honors - A/B (Weighted)

Grade: 10

Credit: 0.50

Graduation Requirement: English

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: Recommended B or higher in previous course or A in on level course. This course is intended to prepare students to take Advanced Placement course in the English Language Arts by working towards enabling students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers, and by engaging students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. This course focuses on British literature, with an emphasis on understanding literary movements and the foundational skills of academic discourse in both oral and written settings.



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English III- A/B **Grade: 11** **Credit: 0.50**
Graduation Requirement: English **Location: MHS-DSHS** **Prerequisite: English II**

This course will provide students with a survey of American literature, including informational historic texts from the early colonial times, to modern poetry and literature of the 21st century. In addition, this course will have students reading beyond the traditional American literary canon in order to help them draw connections between time periods, cultures, and movements, outside of America at concurrent times and/or concurrent in theme and idea. Students will also focus on expanding and improving their writing skills through writing projects that are intended to develop their mastery of academic writing.

AP Language & Composition - A/B (Weighted) **Grade: 11-12** **Credit: 0.50**
Graduation Requirement: English **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: Recommended B or higher in previous course or A in on level course. The course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May, which can award students college credit. For information about AP testing fees, please visit the College Board website.

English IV - A/B **Grade: 12** **Credit: 0.50**
Graduation Requirement: English **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: English III, AP Language & Composition. This course will provide students with a survey of British literature, spanning from the Anglo-Saxon Period to the Modern Age. In addition, this course will have students reading beyond the traditional British literary canon in order to help them draw connections between time periods, cultures, and movements, outside of Britain at concurrent times and/or concurrent in theme and idea. Students will also focus on expanding and improving their writing skills through writing projects that are intended to develop their mastery of academic writing.

AP Literature & Composition - A/B (Weighted) **Grade: 11-12** **Credit: 0.50**
Graduation Requirement: English **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: Recommended B or higher in previous course or A in on level course. This course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Because of the mature reading level, students who are interested in this course may wish to review the reading list. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May, which can award students college credit. For information about AP testing fees, please visit the College Board website.

Structured English Immersion - A/B **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: English **Location: MHS-DSHS** **Prerequisite: See Below**

Placement is determined by the AZELLA Test. Students who score less than proficient are placed in a Structured English Immersion (SEI) program model. Emphasis is placed on reading, writing, grammar, listening, speaking and vocabulary. Students are grouped by grade and/or proficiency level. Curriculum and materials are in English and SEI strategies are used to help students understand and acquire language.



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English 101 - College Composition I **Grade: 12** **Credit: 0.50**
Graduation Requirement: English **Location: MHS-DSHS** **Prerequisite: See Below**
PREREQUISITE: 3.0 GPA or Bs or better in English coursework. Must apply for CAC admission and complete CAC HS Programs enrollment form. This course will cover the grammatical and rhetorical structure as it applies to effective collegiate and academic writing. Frequent writing assignments will be an integral part of this course, with a focus on the writing process..

English 102 - College Composition II **Grade: 12** **Credit: 0.50**
Graduation Requirement: English **Location: MHS-DSHS** **Prerequisite: See Below**
PREREQUISITE: Grade of "C" or better in English 101. Must complete the CAC HS Programs enrollment form. Emphasis on critical thinking, close reading, analysis and advanced research skills through the development, writing and revision of complex arguments.

ESS (Exceptional Student Services)

The goals of Special Education are to help students become independent learners, to teach learning strategies to prepare them to be successful in school and to prepare them for post-secondary experiences in higher education or the world of work.

Maricopa Unified School District follows the guidelines established by the Arizona Department of Education and requires 22.00 credits as the minimum number of credits in specified subject areas necessary for high school graduation for all students including students with disabilities. Students earn .5 credits with a passing grade for each semester

Each student must earn

- English or English as a Second Language: 4.00 credits
- Mathematics: 4.00 credits
- Social Studies: 3.00 credits
- Science: 3.00 credits
- Arts or Career and Technical Education: 1.00 credit
- Physical Education: .500 credits
- Elective Courses: 6.50 credits

High School Counselors and ESS Case Managers will work collaboratively with students and parents to determine course work that will meet high school graduation requirements by reviewing the student's Individual Education Plan (IEP) annually. Students may be enrolled in some general education courses as well as courses designed for students with exceptional needs.

As part of the students IEP, transition plans will be developed. Each transition plan will include goals and action steps to support students as they move from high school to post-secondary education which may include education experiences and eventually employment.



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Placement in any special education course is determined by a partnership with the students and the Special Education team and is based on individual student strengths and needs. Courses will meet the requirements to earn a high school diploma and will be aligned to the student's individual skills, interests and includes a post-secondary plan to reach career goals.

Students with disabilities receive designed instruction and services to meet their unique needs. This is not a one size fits all model. MUSD uses a variety of delivery models to provide specialty designed instruction, services, and supports. Special Education at the resource level of support may be provided by a special education teacher within the general education classroom, in a special education classroom, or a combination of both. The location of the service is dependent on the level of support that the student requires and will be discussed by the IEP team.

Self-contained classrooms are designed to provide a more intensive level of special education instruction that may span several class subjects. Students may be included in some general education classes.

The location of the service and teacher is dependent on the level of instructional support that the student requires and will be discussed by the IEP team. The educational team will recommend programs based on the individual student needs, the complexity and/or severity of the student's disability.





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VISUAL ARTS

Art I - A/B (CLASS FEE)

Grades: 09-12

Credit: 0.50

Graduation Requirement: Fine Arts

Location: MHS-DSHS

Prerequisite: none

This course may be repeated for credit. This course allows students to gain experience with a wide range of media, materials, tools, and techniques. Students will be introduced to skill building concepts through lessons that expand on value, scale and proportion, perspective, color theory, etc. Students will learn how to plan for art and reflect on their own art and meaning behind their work. It is required that students keep a sketchbook.

Drawing (CLASS FEE)

Grades: 10-12

Credit: 0.50

Graduation Requirement: Fine Arts

Location: MHS-DSHS

Prerequisite: Art I

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.

Painting (CLASS FEE)

Grades: 10-12

Credit: 0.50

Graduation Requirement: Fine Arts

Location: MHS-DSHS

Prerequisite: Art I / Ceramics I

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.

AP Studio Art: 2-D Design Portfolio - A/B (Weighted) (CLASS FEE) Grades: 11-12

Credit: 0.50

Graduation Requirement: Fine Arts

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: Minimum two years of Art with a passing grade, Teacher Recommendation, and Approval. Fee required; may be repeated for credit. This course is intended for highly motivated students committed to serious study in art. The AP course will involve significantly more time and effort than the previous courses completed. Students are asked to create, select, and submit their work for evaluation by a group of artists and teachers at College Board. The evaluation is intended to allow students to demonstrate their ability to effectively deal with the fundamental concerns of the visual arts.

AP Studio Art: 3-D Design Portfolio - A/B (Weighted) (CLASS FEE) Grades: 11-12

Credit: 0.50

Graduation Requirement: Fine Arts

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: Minimum two years of Art with a passing grade, Teacher Recommendation, and Approval. Fee required; may be repeated for credit. This program is intended for highly motivated students committed to serious study in art. AP work involves significantly more time than most art courses. The program 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. This portfolio is intended to address a broad interpretation of three-dimensional concepts in visual arts. For information about AP testing fees, please visit the College Board website.



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AP Studio Art: Drawing Portfolio - A/B (Weighted) (CLASS FEE) Grades: 11-12 Credit: 0.50
Graduation Requirement: Fine Arts Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: Minimum two years of Art with a passing grade, Teacher Recommendation, and Approval. Fee required; may be repeated for credit. This program is intended for highly motivated students committed to serious study in art. AP work involves significantly more time than most art courses. The program 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. This portfolio is intended to address a broad interpretation of two-dimensional drawing and design issues. For information about AP testing fees, please visit the College Board website.

Ceramics I (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts Location: MHS-DSHS Prerequisite: None

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 (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts Location: MHS-DSHS 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.

PERFORMING ARTS

AP Music Theory - A/B (CLASS FEE) Grades: 10-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: Ability to read and write musical notation and basic voice or instrument performance skills is recommended. In this Course, students will learn to recognize, describe, and understand basic materials and processes of tonal music through listening and as presented in a musical score. Students will also develop aural skills and work on sight-singing as a primary objective. Students will learn basic concepts and terminology by listening to and performing a variety of music of different genres and time periods. This course is designed to prepare students to complete the AP Music Theory Exam in May. For information about AP testing fees, please visit the College Board website.

Beginning Band - A/B (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: none

In Beginning Band, students will learn the fundamentals of playing a woodwind, brass or percussion instrument in addition to learning to read music notation and how to play as part of an ensemble. This course is designed for a student with no previous experience who is interested in joining the band program. Students are required to rent an instrument either through MUSD or a local music store and may be asked to purchase a method book. Performances outside the school day may be required. These events may have dress requirements and transportation will not be provided.



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Marching Band - Fall (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/PE/Elective Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: Student has passed at least one prior year of high school or middle school band. This course may be repeated for credit.

NOTE: Course can count for Physical Education credit. 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 or Desert Sunrise 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.

Concert Band - Spring (CLASS FEE) Grades: 09-12 Credits: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: Student has passed at least one prior year of high school or middle school band. 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.

Intermediate Band - A/B (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/PE Elective Location: MHS-DSHS Prerequisite: Audition

This course may be repeated for credit. **NOTE:** Course can count for Physical Education credit. 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. **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.

Symphonic Band - A/B (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/PE/Elective Location: MHS-DSHS Prerequisite: Audition

This course may be repeated for credit. **NOTE:** Course can count for Physical Education credit. 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 percussion 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.



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Color Guard - Fall/ Winterguard - Spring (CLASS FEE) **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Fine Arts/PE/Elective **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: Audition and teacher approval (+additional fees may be required for items.) This course may be repeated for credit. NOTE: Course can count for Physical Education credit. The Fall Color Guard course is the designated class for students participating in color guard as part of an MUSD high school Marching Band program. Students will develop an 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.

Pep Band - Fall (CLASS FEE) **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Fine Arts/Elective **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: Enrollment with teacher approval ONLY. This class provides an option for students wishing to enroll in the 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. (**plus any additional required items)

Marching Percussion- Fall (CLASS FEE) **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Fine Arts/PE **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: Student has passed at least one prior year of high school or middle school band. This course may be repeated for credit.
NOTE: Course can count for Physical Education credit This course is the designated class for students playing percussion instruments as part of an MUSD high school 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. (**plus any additional required items)

Indoor Percussion - Spring (CLASS FEE) **Grades: 09-12** **Credits: 0.50**
Graduation Requirement: Fine Arts/PE **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: Student has passed at least one prior year of high school or middle school band. This is the designated Spring semester class for students playing percussion instruments as part of an MUSD high school band program. In the Indoor Percussion class, students will work in a collaborative environment to develop their percussive musicianship and prepare Percussion repertoire for performance. Percussionists will also prepare parts for performance with the concert bands. **Additional Requirements:** rehearsals before and/or after school, extensive performance schedule including athletic events and full-day Saturday competitions.

Chamber Orchestra - A/B (CLASS FEE) **Grades: 09- 12** **Credit: 0.50**
Graduation Requirement: Fine Arts/Elective **Location: MHS-DSHS** **Prerequisite: See Below**

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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Chorus - A/B (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: Interest in singing in a vocal ensemble environment. This course may be repeated for credit. 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.

Mixed Choir - A/B (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: Audition

This class will provide students of varying ability levels the opportunity to participate in an auditioned, but non-selective, mixed-voice choral ensemble. Students will explore choral musicianship in popular, folk, world, and classical styles in addition to creative music making. Students will focus on vocal technique, ensemble musicianship, and music literacy as well as arranging, composing, and improvising in a choral context. Students will have the opportunity to perform in festivals, community events, and school concerts.

Show Choir - A/B Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: DSHS Prerequisite: none

Show Choir is a mixed ensemble that combines the movement of dance and singing. Through this course, students will develop greater musicianship, proper use of breath support, phrasing, interpretation, postures, stage presence and other musical disciplines. In this class students will study and perform vocal music in the Jazz, Pop and Swing styles. Students will learn the art of movement and dance as well as the enhancement of the vocal rendition of various works. Choir is appropriate for all abilities and is a fantastic way to step into the art of music.

Guitar I - A/B (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: See below

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 II & Songwriting - A/B (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: Passing grade in Guitar 1A and 1B. Guitar II & Songwriting Lab is an intermediate level course for students who have successfully completed Guitar I, or have demonstrated basic proficiency on guitar, and are interested in pursuing creative music making. This course will help students extend and refine their guitar playing skills, further their musical knowledge, and hone their compositional craft. This course will use a project-based learning approach to help students acquire necessary skills to develop original music and music performances. **NOTE:** Required class fee.

Piano/Keyboarding - A/B (CLASS FEE) Grades: 09-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: DSHS Prerequisite: none

Students will learn the basics of fundamental music theory, beginner piano/keyboard techniques and practices, fundamentals of music notation, and accompaniment techniques. Classroom time will be split into two sections, music theory fundamentals and physical practice. Students will follow along in a fundamentals book throughout the year for technical instruction and different pieces. Students will also have the opportunity to perform their personally chosen pieces.



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Dance I - A/B (CLASS FEE) **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Fine Arts/Elective/PE **Location: MHS-DSHS** **Prerequisite: See Below**

This course may be repeated for credit. 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 II - A/B (CLASS FEE) **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Fine Arts/Elective/PE **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: Completed Dance 1 with a passing grade. 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 III - A/B (CLASS FEE) **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Fine Arts/Elective/PE **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: Completion of Dance 2 with a grade of C or higher. This course may be repeated for credit. Spring/Fall Semester: Dance III builds upon the skills and knowledge attained in Dance I and Dance II. Advanced skills of dance will be covered through performance technique, theoretical dance topics, and history in a variety of dance styles such as jazz, ballet, modern, hip hop, and contemporary. Students will work on choreographing original dances with various styles of music that are integrated into student designed productions during the year. Correct body alignment and proper warm-up techniques are stressed to prevent injury. Fall and spring concerts provide the advanced dance student the opportunity to participate and perform before an audience of friends, family, and the community. All grade levels are welcome in this class. Students may audition as a prerequisite. Students successfully exiting this class can audition for placement in our Performance dance class.

Performance Dance - A/B (CLASS FEE) **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Fine Arts/PE/Elective **Location: MHS-DSHS** **Prerequisite: Audition**

This course may be repeated for credit. 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.

Drama I - A/B **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Fine Arts/Elective **Location: MHS-DSHS** **Prerequisite: See Below**

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 hair & makeup, costume, and props.



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Drama II - A/B (CLASS FEE) Grades: 10-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: Drama I
This course may be repeated for credit. This course will expand the skills developed in Drama 1 by delving deeper into the styles of theatre and acting. Students will study various styles and movements of acting and theatre history, such as Shakespeare and Commedia dell'Arte. Additionally, students will undergo dialectic studies as well as directing and playwriting.

Drama III - A/B (CLASS FEE) Grades: 11-12 Credit: 0.50
Graduation Requirement: Fine Arts/Elective Location: MHS-DSHS Prerequisite: Audition
This course may be repeated for credit. 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 prepare monologues and scenes for presentation and be graded with thespian competition rubrics. Students will also prepare and perform a student directed one act for competition and our community. Additionally, students will undergo further dialectic studies, stage combat, advanced improv, and will write and perform an original one act play adaptation.

MATH

Algebra I - A/B Grade: 09 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: None
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 I Honors - A/B (Weighted) Grade: 09 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See Below
PREREQUISITE: Meets or Exceeds on 8th Grade SchoolCity Post Test and/or teacher recommendation. 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.

Geometry - A/B Grade: 10 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See Below
PREREQUISITE: Algebra I A/B or Honors Algebra I A/B 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 Honors - A/B (Weighted) Grade: 09-10 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See Below
PREREQUISITE: "B" or higher in Algebra I Honors and/or Teacher Recommendation. 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.

Algebra II - A/B Grade: 11 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See Below
PREREQUISITE: Geometry A/B or Honors Geometry A/B. This course extends the concepts of Algebra I and Geometry to include factoring of higher degree equations, solving systems of simultaneous equations, fractional equations, rational and negative exponents, functions, logarithms, systems and graphs, the binomial theorem, and an introduction to probability and trigonometric functions. **Note:** Use of a graphing calculator such as the TI-84 is required.



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Algebra II Honors - A/B (Weighted) Grades: 10-11 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See below

PREREQUISITE: "B" or higher in Geometry or Geometry Honors and/or Teacher Recommendation. 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,, systems and graphs, the binomial theorem, and an introduction to probability and trigonometric functions.

Note: Use of a graphing calculator such as the TI-84 is required.

Pre-Calculus - A/B Grades: 11-12 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: C or higher in Algebra II. Topics included in this mathematically rigorous course are: polynomial, rational, exponential, logarithmic, and trigonometric functions, linear systems, conics, matrices, and vectors. The goal of this class is to ensure that students have learned the fundamentals needed to be successful in a college level calculus class. **Note:** Use of a graphing calculator such as the TI-84 is required.

Pre-Calculus Honors - A/B (Weighted) Grades: 11-12 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: "B" or higher in Algebra II or Honors Algebra II and/or Teacher Recommendation. This is an accelerated course that extends the concepts of preparing HONORS students for the Advanced Placement Testing Program. This mathematically rigorous class covers the topics of Pre-Calculus with greater depth and includes additional topics such as three-dimensional coordinate geometry and an introduction to limits. The goal of this class is to ensure that students have learned the fundamentals needed to be successful in a college level calculus class. **Note:** Use of a graphing calculator such as the TI-84 is required.

Probability and Statistics - A/B Grades: 11-12 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: Algebra II

Probability and Statistics course introduces the study of likely events and the analysis, interpretations, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability.

AP Calculus AB - A/B (Weighted) Grade: 12 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: "B" or higher in Honors Pre-Calculus and/or Teacher Recommendation. AP Calculus AB is equivalent to the first semester of college calculus. This course is a study of limits, continuity, the derivative, and applications of the derivative including instantaneous 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 of variables. Both theories and application will be stressed. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May, which can award students college credit. For information about AP testing fees, please visit the College Board website. **Note:** Use of a graphing calculator such as the TI-84 is required.

AP Calculus BC - A/B (Weighted) Grade : 12 Credit: 0.50
Graduation Requirement: Math Location: MHS-DSHS Prerequisite: See Below

PREREQUISITE: AP Calculus AB (required). AP Calculus BC is equivalent to the second semester of college calculus and extends the content learned in AB to integration of many different types of equations and introduces the topic of sequences and series. This course is designed to prepare students to successfully complete the Advanced Placement Exam in May, which can award students college credit. For information about AP testing fees, please visit the College Board website. **Note:** Use of a graphing calculator such as the TI-84 is required.



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AP Statistics - A/B (Weighted) **Grade: 12** **Credit: 0.50**
Graduation Requirement: Math **Location: MHS-DSHS** **Prerequisite: See Below**

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. For information about AP testing fees, please visit the College Board website.

MAT141 College Mathematics - A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Math **Location: MHS-DSHS** **Prerequisite: Algebra II**

PREREQUISITE: 3.0 GPA or Bs or better in Mathematics coursework. Must apply for CAC admission and complete CAC HS Programs enrollment form. Working knowledge of college-level mathematics and its applications to real-life problems. Emphasis on understanding mathematical concepts and their applications. Topics include proportional reasoning, set theory, linear programming, exponential growth and decay, modeling, finance, probability, and statistics. Students will obtain 4 college credits through CAC.

MAT151 College Algebra - A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Math **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: 3.0 GPA or Bs or better in Mathematics coursework. Must apply for CAC admission and complete CAC HS Programs enrollment form. 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 4 college credits through CAC.

Financial Literacy* - A/B **Grade: 12** **Credit: 0.50**
Graduation Requirement: Math **Location: MHS-DSHS** **Prerequisite: See Below**

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. ***This course is not NCAA approved, nor does it count as a 4th year math for universities.**

College Mathematics - A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Math **Location: MHS-DSHS** **Prerequisite: Algebra II**

PREREQUISITE: This course develops working knowledge of college-level mathematics and its applications to real-life problems. Emphasis is on understanding mathematical concepts and their applications. Topics include set theory, probability, statistics, finance, and geometry. This course fulfills the college requirement for the fourth year of math.

WORLD LANGUAGE

Spanish I - A/B **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS-DSHS** **Prerequisite: None**

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.



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Spanish II - A/B **Grades: 9-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS-DSHS** **Prerequisite: Spanish I**

Passing Spanish I or student completed placement assessment for credit in Spanish I and/or Teacher Recommendation. 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 II Honors - A/B (Weighted) **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: "B" or higher in Spanish I and/or Teacher Recommendation. 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 II Language Arts & Culture - A/B **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS-DSHS** **Prerequisite: See Below**

Spanish Language Arts and Culture is an accelerated, college prep course of study designed to provide native, heritage Spanish speakers, or progressive Spanish learners, with an advanced literacy pathway to develop and strengthen not only their Spanish, language skills, but their historical knowledge of the richness and diversity of the cultures which employ the Spanish language as their primary medium of communication. This class is a full year course for students in their second year of Spanish and who are Native Spanish speakers or who have tested out of Spanish 1 and are native speakers of Spanish.

Spanish III - A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS -DSHS** **Prerequisite: See Below**

PREREQUISITE: Passing Spanish II or Honors Spanish II or student completed placement assessment for credit in Spanish I or II, and/or teacher recommendation. 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 III Honors - A/B (Weighted) **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS-DSHS** **Prerequisite: See Below**

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

AP Spanish A/B - (Weighted) **Grades: 11-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS-DSHS** **Prerequisite: See Below**

PREREQUISITE: "B" or higher in Spanish III or Honors Spanish III and/or student completed placement assessment for credit in Spanish I, II, III or Spanish II language arts & culture A or Teacher Recommendation. 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. For information about AP testing fees, please visit the College Board website.



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German I - A/B **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS** **Prerequisite: None**

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 II - A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS** **Prerequisite: German I**

Passing German I or student completed placement assessment for credit in German I and/or Teacher Recommendation. 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 III Honors - A/B (Weighted) **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS** **Prerequisite: German II**

Passing German II with a B or higher, or student completed placement assessment for credit in German I and/or Teacher Recommendation. German III represents the pinnacle of an MUSD high school German program, and is for students who have excelled in German I and German II and want to refine their German skills. Students will read, write, and speak solely in German and interact with and use a variety of German literary, periodical, functional, and informational texts and media. German III will prepare students for situations where they would need to function without supplemental English reference aids (including the internet).

Mandarin-Chinese I - A/B **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS** **Prerequisite: See Below**

This introductory course in Chinese language provides the basic communication skills in Modern Standard Chinese. This course is designed for the High school level students who have had no prior experience to Chinese language and are interested in learning basic Chinese language as well as culture. Throughout the course, students will develop their listening, speaking, reading, and writing skills. However, the emphasis in this course will be on building up students' communicative competence in oral and aural skills. Reading and writing will be minimally introduced along with speaking and listening skills. Students will be able to communicate verbally in Chinese language within given situations.

Mandarin-Chinese II- A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: Foreign Language **Location: MHS** **Prerequisite: Mandarin I**

Chinese II courses build upon skills developed in Chinese I, preparing students to communicate authentically in Chinese by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Chinese II courses introduce the relationships among the products, practices, and perspectives of Chinese-speaking cultures.

PHYSICAL EDUCATION

UNIFORM REQUIREMENTS

Students are required to change into athletic wear for class. Students must purchase an MHS/DSHS PE T-shirt from the bookstore. Plain navy or black athletic shorts are required. Tied, secured athletic shoes that are designed for physical activity are required. No dress shoes, sandals, crocs or any non-athletic shoes allowed. Students are only allowed to wear sweatpants and sweatshirts or jackets in winter months during outside activities.



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Physical Education **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Physical Education **Location: MHS-DSHS** **Prerequisite: None**

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.

Introduction to Weight Training - A/B **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Physical Education **Location: MHS-DSHS** **Prerequisite: None**

In this course, students will perform safe and effective strength training movements with MUSD approved equipment. This is not a course for experienced weightlifters. This is a course for students who would like to get stronger and learn about proper weightlifting techniques. This course will emphasize safety as a number one priority and thus, proper clothing must be worn. Dressing out is a requirement. This class has a dress-code requirement.

Advanced PE - A/B **Grades: 09-12** **Credit: 0.50**
Graduation Requirement: Physical Education **Location: MHS-DSHS** **Prerequisite: See Below**

Must be an athlete on campus with coach recommendation or must have taken Introduction to Weight Training. 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.

Lifetime Fitness & Recreation A/B **Grades: 9-12** **Credit: 0.50**
Graduation Requirement: Physical Education **Location: MHS-DSHS** **Prerequisite: See Below**

Alternating days of aerobics activities, weight training, and lifetime leisure activities. Aerobics is designed to strengthen the cardiovascular system, tone specific areas of the body and train students in the knowledge and skills of aerobics. The weight training section involves a combination of circuit training, body sculpting, and lifting weights. The lifetime leisure activities include activities with carry-over benefits for adult living, such as tennis, volleyball, badminton, Frisbee golf, etc. Appropriate dress is required for each activity.

Yoga Fitness **Grades: 9-12** **Credit: 0.50**
Graduation Requirement: Physical Education **Location: MHS-DSHS** **Prerequisite: None**

Yoga Fitness will explore a variety of Yoga styles, meditation, relaxation and stress relieving techniques. Students will create their own yoga flows and identify individual poses and how they benefit their unique minds and bodies. Yoga Fitness will engage students in a variety of fitness activities including but not limited to: circuit training, nature walks, games, and pilates exercises. Yoga Fitness will also put special emphasis on mental health, promoting mindfulness, teaching students techniques to improve self control and stress relief. Appropriate dress is required for each activity.

Health **Grades: 9-12** **Credit: 0.50**
Graduation Requirement: Physical Education **Location: MHS-DSHS** **Prerequisite: None**

Health will help students navigate their individualized health while exploring topics such as community health, consumer health, environmental health, family life, mental and emotional development. This course will also focus on how mental and emotional health, injury prevention, nutrition, personal health and fitness lead to a long term commitment to a healthy lifestyle.



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SCIENCE

Biology - A/B

Grades: 09-10

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: None

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/B (Weighted)

Grades: 09-10

Credit: 0.500

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: None

PREREQUISITE: 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, multicellular 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.

BIO 100 Biological Concepts - A/B (CAC)

Grades: 09-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: 3.0 GPA or Bs or better in science coursework. Must apply for CAC admission and complete CAC HS Programs enrollment form. Basic principles and concepts of biology. Exploration of methods of scientific inquiry and behavior of matter and energy in biological systems.

Earth Science - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: Biology

NOTE: The earth science course focuses on all aspects of our planet, including the solid earth (soil and rock), water (freshwater 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.

Chemistry - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: Passing score in Algebra I. This is a lab-oriented course emphasizing elements, compounds and mixtures as found in nature. Chemical reactions, basic problems in chemistry and equations are studied in depth.

Chemistry Honors - A/B (Weighted)

Grades: 10-11

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

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

CHM 130 Fundamentals of Chemistry -A/B (CAC)

Grades: 10-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: 3.0 GPA or Bs or better in science coursework. Must apply for CAC admission and complete CAC HS Programs enrollment form. The foundational aspects of chemistry, including matter, energy, measurement, atoms, molecules, ions, chemical bonding, chemical arithmetic, and nuclear reactions.

Anatomy and Physiology - A/B

Grades: 10-12

Credit: 0.50



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Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: None

Human Anatomy and Physiology is a laboratory-based course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body; biochemical composition; and major body systems along with the impact of diseases on certain systems. Students will engage in many topics and competencies related to truly understanding the structure and function of the human body. Working from the topics of basic anatomical terminology to the biochemical composition of the human body, all the way into great detail of each of the major systems of the body, students will learn through reading materials, study guides, unit worksheets, group work, projects, and labs. Students will be responsible for proper use of lab equipment, lab reports, and projects assigned throughout each unit.

Anatomy & Physiology Honors - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: B or higher in Biology or Honors Biology. In this course students will participate in a challenging, rigorous lab-oriented course which offers an in-depth look within the human body. Students engage in investigations to understand and explain the behavior of the human body in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. Students will learn about the macroscopic and microscopic structure and functions of each human body system, as well as the biochemical basis for physiology. Numerous dissections are a requirement of this course.

BIO 160 Intro to Human Anatomy and Physiology - A/B (CAC) Grades: 11-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: 3.0 GPA or Bs or better in science coursework. Must apply for CAC admission and complete CAC HS Programs enrollment form. An introduction to and study of the structure and function of the human body. Structural organization, homeostasis, control mechanisms and the major organ systems of the body will be emphasized.

Physics - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: Geometry and Chemistry. **CO-REQUISITE:** Algebra II or higher level math course. This is a lab 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, electricity, and mathematical relationships for physical processes.

Physics Honors - A/B (Weighted)

Grades: 11-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: "B" or higher in Geometry and Chemistry **CO-REQUISITE:** Algebra II or higher level math course. 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.

AP Biology - A/B (Weighted)

Grades: 11-12

Credit: 0.50

Graduation Requirement: Science

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: "B" or higher in Biology/Honors Biology and Chemistry/Honors Chemistry
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. For information about AP testing fees, please visit the College Board website.

BIO 181 General Biology I - A/B (CAC)

Grades: 11-12

Credit: 0.50



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Graduation Requirement: Science **Location: MHS-DSHS** **Prerequisite: See Below**
PREREQUISITE: 3.0 GPA and Bs or better in Biology and Chemistry. Must apply for CAC admission and complete CAC HS Programs enrollment form. Biological principles of structure and function at the molecular and cellular levels, and processes of scientific inquiry. Recommended: CHM130 or one year of high school chemistry.

AP Chemistry - A/B (Weighted) **Grades: 11-12** **Credit: 0.50**
Graduation Requirement: Science **Location: MHS-DSHS** **Prerequisite: See Below**
PREREQUISITE: "B" or higher in Chemistry and "C" or higher in Algebra II. 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. For information about AP testing fees, please visit the College Board website.

CHM 151 General Chemistry I - A/B (CAC) **Grades: 11-12** **Credit: 0.50**
Graduation Requirement: Science **Location: MHS-DSHS** **Prerequisite: See Below**
PREREQUISITE: 3.0 GPA and Bs or better in Biology and Chemistry. Must apply for CAC admission and complete CAC HS Programs enrollment form. Chemistry topics including matter, energy, measurement, atoms, ions, molecules, chemical formulas and equations, chemical arithmetic, thermochemistry, states of matter, chemical bonding, and solutions are covered.

SOCIAL SCIENCE

World Studies - A/B **Grade: 9-10** **Credit: 0.50**
Graduation Requirement: Social Sciences **Location: MHS-DSHS** **Prerequisite: See Below**
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.

AP World History - A/B (Weighted) **Grade: 10** **Credit: 0.50**
Graduation Requirement: Social Sciences **Location: MHS-DSHS** **Prerequisite: See Below**
PREREQUISITE: "B" or higher in Honors English I. 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. For information about AP testing fees, please visit the College Board website.

American/Arizona History - A/B **Grade: 11** **Credit: 0.50**
Graduation Requirement: Social Sciences **Location: MHS-DSHS** **Prerequisite: See Below**
PREREQUISITE: World Studies or AP World History. 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 the present day. Special emphasis on the impact relating to Arizona will be included.

AP US History - A/B (Weighted) **Grade: 11** **Credit: 0.50**



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Graduation Requirement: Social Sciences

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: "B" or higher in World Studies or AP World History. This is a one-credit, full-year, college-equivalent course that 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 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. For information about AP testing fees, please visit the College Board website. This class does fulfill the required American History credit for graduation.

American Government

Grade: 12

Credit: 0.50

Graduation Requirement: Social Sciences

Location: MHS-DSHS

Prerequisite: See Below

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.

AP American Government (Weighted)

Grade: 12

Credit: 0.50

Graduation Requirement: Social Sciences

Location: MHS-DSHS

Prerequisite: See Below

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. For information about AP testing fees, please visit the College Board website. Must complete full year of Government and Economics to meet graduation requirements or students will only receive elective credit for this class.

Economics

Grade: 12

Credit: 0.50

Graduation Requirement: Social Sciences

Location: MHS-DSHS

Prerequisite: See Below

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.

AP Macro Economics (Weighted)

Grade: 12

Credit: 0.50

Graduation Requirement: Social Sciences

Location: MHS-DSHS

Prerequisite: See Below

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 student's familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. For information about AP testing fees, please visit the College Board website.

AP Micro Economics

Grades: 11-12

Credit: 0.50



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Graduation Requirement: Social Sciences

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: "B" or higher in American/Arizona History. AP Microeconomics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe and explain economic concepts. For information about AP testing fees, please visit the College Board website.

GENERAL ELECTIVES

Achieve - A/B

Grades: 09-12

Credit: 0.25

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: See Below

All students at MHS will have an Achieve class in their schedule. Some students at DSHS will have an Achieve class in their schedule. Achieve has three specific purposes based on student need: extended learning for students that are currently meeting or exceeding standards, homework assistance for students that may need help in certain content areas, and Response to Intervention (RTI) for those students that need specific academic support.

AP Seminar - A/B

Grades: 10-11

Credit: 0.50

Graduation Requirement: Electives

Location: MHS

Prerequisite: See Below

PREREQUISITE: Teacher recommendation and/or instructor approval. Designed by the College Board to parallel college-level courses in critical thinking and communications, AP Seminar courses provide students with the opportunity to explore complex real world issues through cross-curricular lenses. Course topics vary and may include local, civic or global issues and interdisciplinary subject areas. Courses typically emphasize research, communication and critical-thinking skills to explore other issues addressed. Students may also examine source materials such as articles and other texts; speeches and personal accounts; and relevant artistic and literary works. The course requires completion of a portfolio, which includes written arguments and presentations, and a seated exam. For information about AP testing fees, please visit the College Board website.

AP Research - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirements: Electives

Location: MHS

Prerequisite: See Below

PREREQUISITE: Completion of AP Seminar. AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue or idea of individual interest. Students design, plan and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar courses by learning research methodology, and employing ethical research practices, and accessing, analyzing and synthesizing information. Students reflect and document their processes and development, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper and a presentation and oral defense. For information about AP testing fees, please visit the College Board website.

AP Human Geography - A/B

Grades: 9-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: See Below

Following the board suggested curriculum designed to parallel college-level human geography courses, AP human geography introduces students to the systematic study of patterns and processes that have shaped the way in which humans understand, use and alter the earth's surface. Students use spatial concepts and landscape analysis to examine human social organization and its environmental consequences and also learn about the methods and tools geographers use in their science and practice. For information about AP testing fees, please visit the College Board website.

Creative Writing

Grades: 09-12

Credit: 0.50



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Graduation Requirement: Electives

Location: MHS

Prerequisite: None

Creative Writing is an elective course that focuses on the exploration of short fiction and poetry, culminating in a written portfolio that includes one revised short story and three to five polished poems. Students draft, revise, and polish fiction and poetry through writing exercises, developing familiarity with literary terms and facility with the writing process as they study elements of creative writing.

Multicultural Literature

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS

Prerequisite: None

Literature courses offer the opportunity for students to study and reflect upon the themes presented in the body of literature being presented. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the reading selection and as they understand the work reflects society's problems and culture. Oral discussion is an integral part of literature courses, and written compositions are often required. Literature courses may survey representative works, reflect a particular genre or specific theme, or survey works of particular time or people.

Psychology

Grades: 11-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: See Below

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

Grades: 11-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: See Below

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.

Student Council - A/B

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: See Below

PREREQUISITE: Application and teacher recommendation. Student Council plans, organizes, advertises, prepares, executes and evaluates school activities for students. Students will enhance skills of teamwork, leadership, organization and project planning by participating in service learning, community activities and affairs. Course may be repeated for credit

Model UN - A/B (CLASS FEE)

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: None

The purpose of the Model United Nations course is to increase student knowledge about international issues, policy making and the activities of the United Nations. Students will also gain valuable skills in public speaking, research and writing, negotiation and powers of persuasion, leadership, organization and interpersonal communication. Students will gain these skills through course assignments, class activities and most importantly by playing the role of United Nations delegates. Students may have the opportunity to represent the school as a MUN delegate at Model UN conferences. Students are the primary decision-makers and leaders for the organization. By choosing to participate in this challenging but rewarding class, students will gain valuable knowledge and skills, and join a committed and highly motivated group of students. Students will be required to attend at least one competition.

eSports/Scholar Gaming - A/B (CLASS FEE)

Grades: 09-12

Credit: 0.50



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Graduation Requirement: Electives

Location: DSHS

Prerequisite: None

This course is an introduction to the interdisciplinary study of videogames as texts through an examination of their cultural, educational and social functions in contemporary settings. Students will play and analyze video games while reading current research and theory from a variety of sources in the sciences, social sciences, humanities and industry. The course requires regular reading, writing and presentation exercises.

Odyssey of the Mind - A/B

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: None

In this course, students will learn how to think divergently by answering open-ended problems in a team setting. Embedded in the process are the skills necessary for student readiness for careers and colleges such as creativity, innovation, problem-solving, critical thinking, global awareness, interpersonal and collaborative skills, self-direction and adaptability. There will be after school and travel obligations for students who take this course.

Speech & Debate - A/B (CLASS FEE)

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: See Below

Various individual and group speech activities center on the development of student public speaking ability. Students are introduced to several types of speeches leading methods of speech preparation techniques for delivery. This class can be instrumental in the development of self-confidence. Introduces students to argumentation research and public speaking. Traditional two-person debate and Lincoln-Douglas debate are studied with an emphasis on case writing and development of a pro and con approach to a topic. Students will compare and compete in a variety of debate tournaments across Arizona. Students will be required to participate in the Speech & Debate club and travel for competitions.

Academic Decathlon - A/B (CLASS FEE)

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: MHS-DSHS

Prerequisite: None

This course is a yearlong elective which exposes the student to the integrated nature of human experience. Students will conduct research and critical inquiry into a broad array of academic disciplines and communication skills covering this year's theme. Students will evaluate material covered in the course from ethical, aesthetic and intellectual perspectives. Students will master the basic content knowledge requirements of the academic areas of art, economics, language, literature, music, physical or social science, speech and the super quiz topic. Participation in at least one competition is required.

Robotics - A/B (CLASS FEE)

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: DSHS

Prerequisite: None

Robotics is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous robots. Course information will be tied to lab experiments; students will work in groups to build and test increasingly more complex mobile robots, culminating in an end-of-semester robot contest. We will be using the VEX Robotic Design System as our platform. Students will be divided into groups and complete a variety of robot construction and programming activities within the confines of these groups.

Forensic Science - A/B (CLASS FEE)

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: DSHS

Prerequisite: None

Students analyze and discuss the history of forensic science and crime investigations. They establish teams and roles so that they may learn to work as a unit throughout the year on projects and when conducting labs and performance assessments. Students learn about the many different areas of forensic science and perform labs such as fingerprinting, drug testing, trace evidence collection, blood spatter, death scene investigations autopsy, decomposition and question documents.

Mathematics for Mathematicians - A/B

Grades: 09-12

Credit: 0.50

Graduation Requirement: Electives

Location: DSHS

Prerequisite: None



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In this course, students will discover what mathematicians see in mathematics; clearly, since mathematicians do it for fun, they see something in it that most don't. These mathematical wonders have typically been hiding deep in the courses that only math majors take. This course will teach students to love mathematics and to treat it like the art form it is. Mathematics is full of beauty and elegance for those who look in the right places and this course shows students where to look. You will need an open mind and solid understanding of basic algebra (Algebra I or good performance in 8th grade math).

Diversified Occupations - Fall/Spring
Graduation Requirement: Electives

Grades: 12
Location: MHS-DSHS

Credit: 0.50
Prerequisite: See Below

PREREQUISITE: Senior must have employment and provide own transportation to the job site. Diversified Occupations students will obtain skills in an occupational area that is not taught in the high school and will prepare students for new and futuristic careers. This program integrates studies in employability skills and consumer skills with practical work experience in a business setting. Students will develop personal initiative, learn to work with others, and recognize the importance of appropriate attitude and behavior for the occupation.

College Prep Seminar A/B
Graduation Requirement: Electives

Grades: 9-12
Location: DSHS

Credit: 0.50
Prerequisite: None

This course is recommended for students who wish to prepare for the SAT and ACT tests as well as enrollment in a university directly after high school. Students will be taught the techniques and strategies needed to be successful on standardized tests. Emphasis will be placed on both critical reading skills and writing skills including grammar, editing and thesis development needed for the exam. In addition, students will receive intensive practice and preparation for the mathematics section of the SAT and ACT examinations. Students will be taught the techniques and strategies needed to be successful at college and will work with the teacher to strategically plan for university life as well as working on college applications, scholarships and choosing their majors.

AP Psychology - A/B
Graduation Requirement: Electives

Grades: 10-12
Location: MHS-DSHS

Credit: 0.50
Prerequisite: See Below

This course is a basic introduction to Psychology. This course covers the following domains: Scientific Inquiry Domain (History & Research Methods), Biopsychology Domain (Biological Bases, Consciousness, Sensation & Perception), Cognition Domain (Learning, Memory, Thinking, Language & Intelligence) Individual Variations Domain (Motivation, Emotion & Personality), Development & Learning Domain (Life Span Development), Individual Variations Domain (Psychology Disorders and Treatments), and Sociocultural Context Domain (social norms, behaviors & attitudes).

AP European History- A/B
Graduation Requirement: Electives

Grades: 10-12
Location: MHS-DSHS

Credit: 0.50
Prerequisite: See Below

This Advanced Placement course is designed to be the equivalent of a college-level modern European history survey course. Students will use inquiry to investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students will study primary and secondary sources of evidence, analyze a wide array of historical evidence and perspectives, and express historical arguments in writing. The course provides seven themes that students explore in order to make connections among historical developments in different times and places. Students who complete this course are encouraged to take the Advanced Placement European History Exam.

Bookstore Aide
Graduation Requirement: Electives

Grades: 12
Location: MHS-DSHS

Credit: 0.50
Prerequisite: See Below

Students will be assigned to the bookstore and serve as an aide performing a variety of clerical duties.

Teacher's Aide
Graduation Requirement: Electives

Grades: 12
Location: MHS-DSHS

Credit: 0.50
Prerequisite: See Below

Students will be assigned to a teacher and serve as an aide performing a variety of clerical duties.

Office Aide
Graduation Requirement: Electives

Grades: 12
Location: MHS-DSHS

Credit: 0.50
Prerequisite: See Below



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Students will be assigned to the school office and serve as an assistant performing a variety of clerical duties.

Library Aide

Grades: 12

Credit: 0.50

Graduation Requirement: Electives

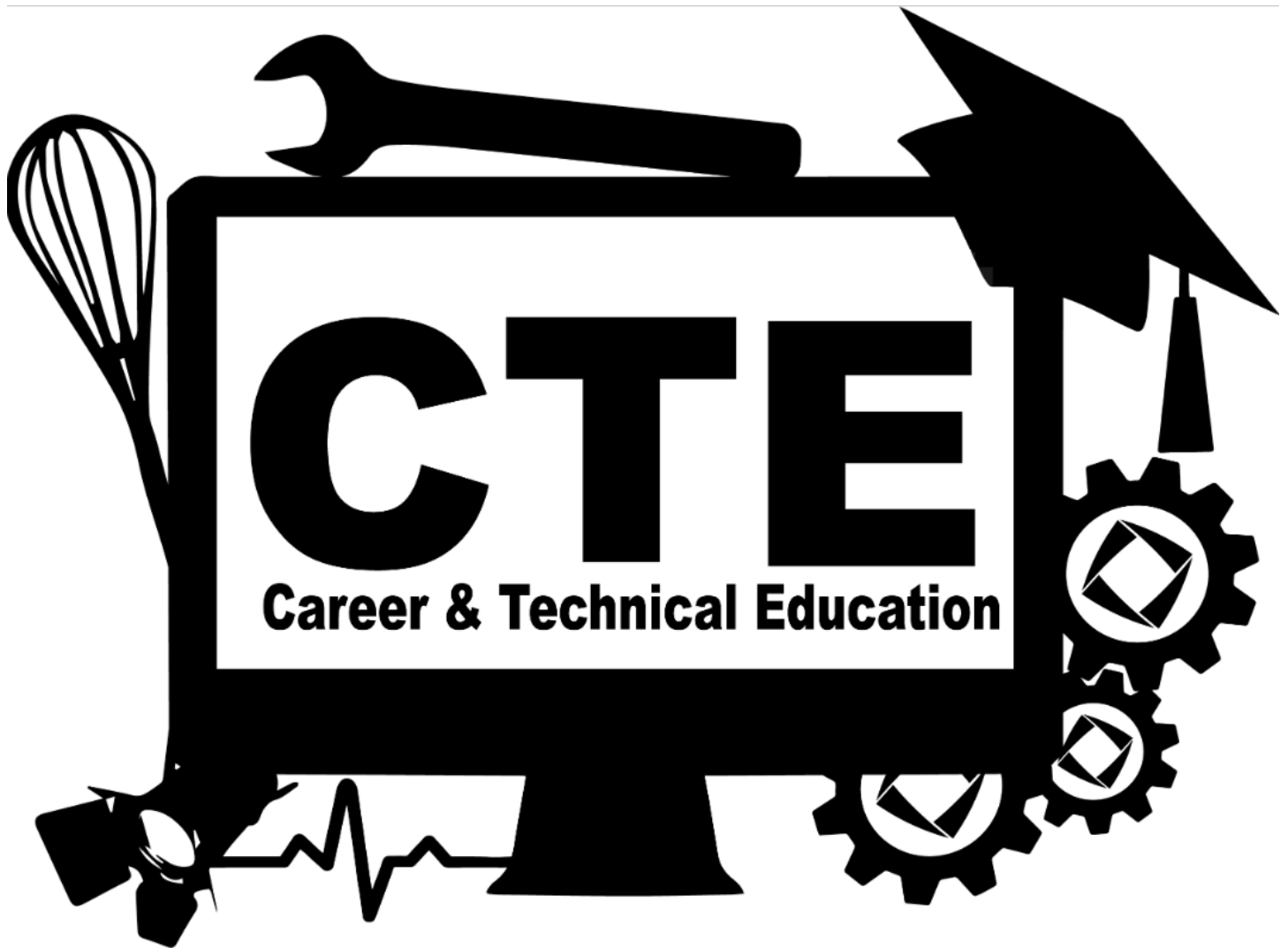
Location: MHS-DSHS

Prerequisite: See Below

Students will be assigned to the school library and serve as an assistant performing a variety of clerical duties.



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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. All CTE programs are CTED enhanced.

Career Exploration now included in the freshman level College, Career and Technology course engages students in problem solving, critical thinking, leadership building and teamwork activities while providing an 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 9 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.

College, Career and Technology

Grades: 09

Credit: 0.50

Graduation Requirement: Elective

Location: MHS-DSHS

Prerequisite: None

Students will improve organizational and communication skills, explore individual abilities and aptitudes to determine personal and career values, use the Internet to conduct career and post-secondary research, and learn computer and technology applications. In this course students will also design an Education Career Action Plan (ECAP) by choosing a career pathway that capitalizes on personal passion, abilities, and values. This course is required for all 9th grade students.





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AgriScience: Median Salary Range \$29,000 - \$65,000

Careers include: Farm Manager, Environmental Scientist, Water Resources Engineer, Conservation Planner, Forest Management, Wildlife Biologist, Operations Manager, Ecologist, Crop/Food Scientist

AgriScience I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: None

Students will learn how agriculture plays a key role in the U.S. and world economy through experiential learning in the area of plant and animal sciences, mechanics, and leadership development. A Supervised Agricultural Experience Program (SAE) is required for all students. Students will participate in FFA where they will develop leadership and skills for career success. FFA offers leadership and community service opportunities to assist with entrance into college.

AgriScience II (Animal Science) - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Ag Science I

This course focuses on the animal sciences as well as the history and trends in animal industries. Units include animal selection, health, nutrition, reproduction, genetics, meat evaluation, and horse care. Business principles of the animal industries are included. Students will participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this same course. FFA offers leadership and community service opportunities to assist with entrance into college.

Food Science & Safety - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Ag Science I

Food Science and Safety Course Description Food Science and Safety is a specialization course in the AgriScience course of study. Students complete hands-on activities, projects, and problems that simulate actual concepts and situations in the food science and safety industry, allowing students to build content knowledge and technical skills. Students investigate areas of food science, including food safety, food chemistry, food processing, food product development, and marketing.

AgriScience III (Plant Science) - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Ag Science II

This course focuses on plant sciences, specifically with plant production in the greenhouse. Units include plant growth and development, hydroponics, propagation, nutrition, pests, greenhouse management, landscape plant identification, design and installation of irrigation systems, and equipment maintenance. Students will participate in FFA where they will develop skills for leadership and career success. Industry certification may be offered in this course. FFA offers leadership and community service opportunities to assist with entrance into college. Completion of Agriscience 1 and 2 will provide one credit of laboratory science for university admission or high school credit and one CTE credit.

AgriScience IV/ Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Ag Science III

Students will learn the basics of agricultural business management. Topics include entrepreneurship, profit-maximizing principles, salesmanship, leadership in the workplace, machinery management, and job interview skills. A project will be required of all students. Students will be required to maintain an SAE. Students will participate in FFA where they will develop skills for leadership and career success. FFA offers leadership and community service opportunities to assist with entrance into college.

If students take AgriScience I and AgriScience II, it will count as a Biology credit.



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Automotive Technologies: Median Salary Range \$28,000 - \$48,000

Careers include: Auto Technicians, Diesel Mechanic, Auto Body Repair, Auto Design, Commercial Driver, and Heavy Equipment Operator

Automotive Technologies I - A/B

Grades: 9-10

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: None

The Automotive Technologies program prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. The Automotive Technologies includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension, and steering, automatic and manual transmissions and drivetrains, and heating and air condition systems. Complete the program sequence (3 years) to earn industry credentials and ADE Endorsements.

Automotive Technologies II - A/B

Grades: 10-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Auto I

Enhanced instruction in brake systems, electrical systems, engine performance, engine repair, suspension, and steering, automatic and manual transmissions and drivetrains, and heating and air condition systems. Complete the program sequence (3 years) to earn industry credentials and ADE Endorsements.

Automotive Technologies III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Auto II

Students in this advanced course run the Ram Auto shop. Students will enhance skills in customer services, parts ordering, communication, and team collaboration in addition to applying skilled technical knowledge. Complete the program sequence (3 years) to earn student Automotive Service Excellence (ASE) industry credentials and ADE Endorsements.

Automotive Technologies Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Auto III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





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Aviation: Median Salary Range \$35,000-\$90,000

Careers include: Pilots, Flight Management, Aerospace Engineering, Aircraft Maintenance, Air Traffic Control, Unmanned Aircraft Systems/Drone Technology

Aviation I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: None

The Air Transportation instructional program prepares individuals to apply technical knowledge and skills to the flying and/or navigation of fixed wing aircraft. This program includes instruction in principles of aircraft design and performance, aircraft flight systems and controls, flight crew operations and procedures, radio communications, navigation procedures and systems, airways safety and traffic regulations, and governmental rules and regulations pertaining to piloting aircraft.

Aviation II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Aviation I

Second year students will select a focus for their study: pilot, unmanned aircraft, or aviation engineering. The Professional Skills developed by business and industry leaders across Arizona are integrated throughout the program. Air Transportation students develop leadership, social, civic, and career skills through participation in the state-recognized Career and Technical Student Organizations, SkillsUSA.

Aviation III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Aviation II

The Air Transportation instructional program prepares students for entry-level employment, further training, and/or post-secondary education for these and other occupations: Private Pilot, Copilots, and Unmanned Aircraft.

Aviation Internship - A/B

Grades: 12

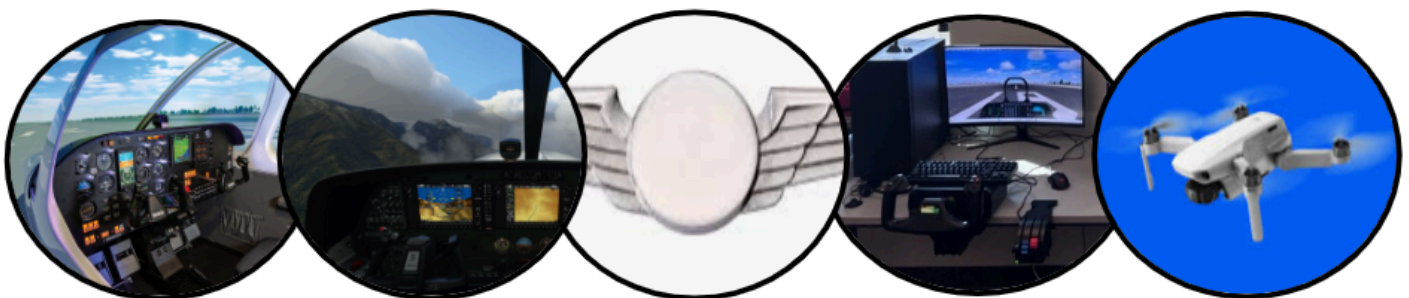
Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Aviation III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





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Air Force/Military: Median Salary Range \$54,000 - \$88,000

Careers include: Career Military (retirement after 20 years), Intelligence Analyst, Aircraft Mechanic, Service Technician, Pilot, Aerospace Engineer, and Government Program Manager

AFJROTC I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS-DSHS

Prerequisite: Application

Introduction to leadership and aerospace. Cadets gain a basic knowledge of Junior ROTC programs, customs and courtesies, importance of a positive attitude and discipline, ethics, values and morals, social etiquette, study skills, managing stress, positive decisions, physical and mental health (including nutrition, body systems, emotional health, safe decisions regarding medicines/drugs, tobacco, & alcohol as well as basic First Aid), and the foundations of citizenship. Cadets also participate in drill, sports and physical fitness activities. (DSHS course offered zero hour only)

AFJROTC II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: AFJROTC I

Course designed to improve communication, enhance awareness of self and others, and provide fundamentals of leadership and fellowship. It includes developing personal integrity. The course also emphasizes leadership and values such as service and excellence. This course incorporates skills of critical thinking, communication, collaboration, and creativity.. Students completing **TWO YEARS of ROTC enter any military branch with higher rank and pay, at E2 level. For students accepted into the US Air Force, they enter at E3 level.**

AFJROTC III - A/B/Elective

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE

Location: MHS

Prerequisite: AFJROTC II

Leadership education emphasizes life skills needed such as financial planning including how to budget, save, invest, and spend money wisely as well as how to avoid the credit trap.. Cadets assume leadership positions in the cadet corps. Cadets also participate in drill, sports and physical fitness activities.

AFJROTC IV - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: AFJROTC III

This course is designed for the fourth-year JROTC cadet. Its aim is to provide an introduction to basic management concepts and skills including an introduction to management, project management, planning, decision making, time management, and interpersonal skills. The course is intended as a hands-on experience affording cadets the opportunity to put theories of previous leadership courses into practice through applying theories and techniques learned in previous leadership courses through planning, organizing, coordinating, directing, controlling, and decision-making. Cadets also participate in drill, sports and physical fitness activities. Advanced leadership, logistics, communications, and service to the ROTC program.





MUSD High School

Course Catalog

2024-2025

Bioscience: Median Salary Range \$48,000 - \$67,000

Careers include: Research Scientist, Pharmacologist, Biologist, Ecologist, Nature conservation officer, Biotechnologist, Forensic Scientist, Government Agency Roles.

Bioscience I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: None

This introductory course introduces students to concepts and careers that apply scientific principles and technical skills in support of biologists and biotechnologists in research, industrial, and government settings. Includes instruction in fermentation technology, cell culturing, protein purification, biologic synthesis, assaying and testing, quality control, industrial microbiology, bioprocessing, chromatography and bio separation, genetic technology, laboratory and hazardous materials safety, and computer applications and test equipment operation and maintenance.

Bioscience II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Bioscience I

This advanced course provides laboratory experiences that further provide students opportunities to explore concepts and careers that apply scientific principles and technical skills in support of biologists and biotechnologists in research, industrial, and government settings. Includes instruction in fermentation technology, cell culturing, protein purification, biologic synthesis, assaying and testing, quality control, industrial microbiology, bioprocessing, chromatography and bio separation, genetic technology, laboratory and hazardous materials safety, and computer applications and test equipment operation and maintenance.

Bioscience III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Bioscience II

This course will allow students to advance their microbiology knowledge and demonstrate the use of bioinformatics resources and nucleic acid techniques, and experience real world applications of bioscience methods and processes.

Bioscience Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Bioscience III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Digital Animation: Median Salary Range \$31,000 - \$56,000

Careers include: Animator, Art Director, Content Creator, Commercial Photographer, Graphic designer, Film and TV Production, Photojournalist, Multimedia Specialist, Digital marketer

Digital Animation I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS Prerequisite: Art 1/2 or Drawing/Painting

Prepares students in the processes used for digitally generating animated images. Students develop computer-generated imagery that encompasses both static scenes and dynamic images, while developing skills and understanding of the animation pipeline and techniques to create animations and other visual effects for television, movies, video games, and other media.

Digital Animation II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Digi Animation I

Develop an in-depth understanding of 2D and 3D image capture, creation, and manipulation; audio and video recording and editing techniques; media management, distribution, and delivery; and specialized equipment operation and maintenance. Earn industry credentials in Adobe Illustrator and Autodesk Certified User – Maya.

Digital Animation III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Digi Animation II

Explore the history and societal and economic impact of the animation industry and will examine legal and ethical considerations and business best practices unique to animation and related industries. Learn and practice valuable real-world skills using industry standard 2D and 3D image creation and manipulation software, video editing software, and animation software to create professional-grade media products. Earn industry credentials in Adobe Animate and Adobe After Effects.

Digital Animation Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Digi Animation III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Digital Communication: Median Salary Range \$31,000 - \$56,000

Careers include: Art Director, Content Creator, Commercial Photographer, Graphic Designer, Film and TV Production, Photojournalist, Multimedia Specialist, Digital Marketer

Digital Communication I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: None

The Digital Communication instructional program prepares students to gather, process, and deliver news through a variety of print and online formats, including newspapers, magazines, journals, annual publications, weblogs (blogs), and other traditional and new media platforms.

Digital Communication II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Digi Com I

Develop an in-depth understanding of news writing and editing, reporting, photojournalism, page layout, graphic design, media management, product distribution and delivery, and specialized equipment operation and maintenance. Students in year two will focus on a production team for a specialized product: Daily Newscast, yearbook, art and literary magazine, student web news, etc. Earn industry credentials in Adobe InDesign.

Digital Communication III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Digi Com II

Explore the history and societal and economic impact of the digital communication industry and will examine legal and ethical considerations and business best practices unique to digital communication and related industries. Learn and practice valuable skills using real-world computer hardware and news-gathering equipment as well as industry standard image editing, graphic design, and page layout software to create professional-grade media products.

Digital Communication Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Digi Com III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit





MUSD High School

Course Catalog

2024-2025

Digital Photography: Median Salary Range \$35,000 - \$55,000

Careers include: Art Director, Content Creator, Commercial Photographer, Graphic Designer, Film and TV Production, Photojournalist, Multimedia Specialist, Digital Marketer

Digital Photography I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: None

The Digital Photography instructional program prepares students to use technical expertise, creativity, and composition skills to produce and preserve images that communicate information, convey ideas, moods and feelings, tell a story, or record an event. Learn and practice valuable real-world skills using professional-grade digital cameras and industry standard image editing software to create high-quality media products.

Digital Photography II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Digi Photo I

Develop an in-depth understanding of the operation and maintenance of professional-grade digital cameras and specialized photographic equipment; natural, on-camera, off-camera, and modified lighting; image composition; and the use of computers and specialized software to record, enhance, and manipulate digital images. Earn industry credentials in Adobe Photoshop.

Digital Photography III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Digi Photo II

Explore the history and societal and economic impact of the digital photography industry and will examine legal and ethical considerations and business best practices unique to digital photography and related industries. Learn and practice valuable real-world skills using industry standard software to create professional-grade projects and develop a professional portfolio.

Digital Photography Internship - A/B

Grades: 11 -12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Digi Photo II

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.



MUSD High School

Course Catalog

2024-2025

Graphic Design: Median Salary Range \$29,000 - \$69,000

Careers include: Graphic Designer, Art Director, Content Creator, Film and TV Production, Multimedia Specialist, Digital Marketer, Web Design, Illustrator

Graphic Design I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: None

The Graphic Design instructional program prepares students to use technical expertise, creativity, and esthetic principles to design and create visual concepts that meet specific commercial or promotional needs, as well as inspire, inform, and captivate consumers.

Graphic Design II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Graphic Design I

Develop an in-depth understanding of the operation and maintenance of specialized computer hardware and design-related technology tools; the principles and elements of design; digital imaging; typographical concepts and techniques; page layout and design; and the role of the graphic designer. Earn industry credentials in Adobe InDesign and Illustrator. Course may be eligible for Dual Enrollment with Central Arizona College – DMA 115 Digital Imaging and DMA 125 Adobe InDesign.

Graphic Design III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Graphic Design II

Explore the history and societal and economic impact of the graphic design industry and will examine legal and ethical considerations and business best practices unique to graphic design and related industries. Learn and practice valuable real-world skills using industry standard graphic design software to create professional-grade design projects and develop a professional portfolio.

Graphic Design Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Graphic Design III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.



MUSD High School

Course Catalog

2024-2025

Culinary Arts: Median Salary Range \$24,000 - \$64,000

Careers include: Chef, Restaurant Manager, Banquet Manager, Nutrition, Catering, Food and Beverage Service, Hospitality

Culinary Arts I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: None

The Culinary Arts program prepares students to apply technical knowledge and skills required for food production and service occupations in commercial foodservice establishments. Students will earn their Food Handlers card.

Culinary Arts II - A/B

Grades: 10-12

Credit: 1.0

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Culinary Arts I

Students completing this program will possess the technical knowledge and skills required for planning, selecting, storing, purchasing, preparing and serving quality food products. Nutritive values, safety and sanitation procedures, use of commercial equipment, serving techniques and management of food establishments will also be studied. Earn industry credentials: ServSafe Manager.

Culinary Arts III - A/B

Grades: 11-12

Credit: 1.0

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: See Below

PREREQUISITE: Teacher invitation and successful completion of Culinary Arts II. Develop advanced critical thinking, applied academic, career development, life and employability skills, business, economic, and leadership skills required for culinary arts occupations. Third year students focus on competition preparation for Careers through Culinary Arts scholarship program.

Culinary Arts Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Culinary Arts III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit



MUSD High School

Course Catalog

2024-2025

Computer Maintenance: Median Salary Range \$43,000- \$83,000

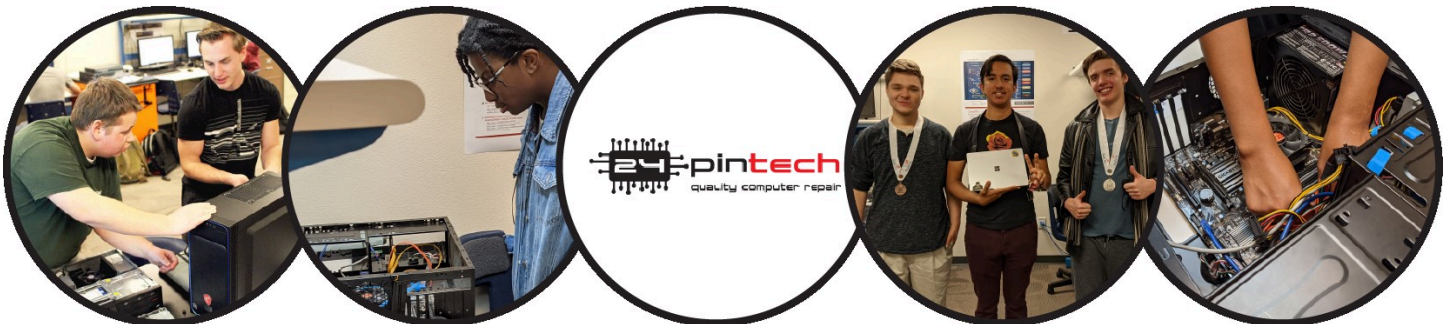
Careers include: Computer Repair, Computer Engineer, Technical Support, Computer Programmer, Infrastructure Architect

Computer Maintenance I - A/B **Grades: 9-11** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: MHS** **Prerequisite: None**
 The Technology Devices Maintenance instructional program prepares students to design, development, installation, implementation, use, and management of computers and various computer devices.

Computer Maintenance II - A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: MHS** **Prerequisite: Comp Maint. I**
 The Technology Devices Maintenance instructional program prepares students to design, development, installation, implementation, use, and management of computers and various computer devices. Earn industry credentials from TestOut: PC Pro, Security Pro, Server Pro.

Computer Maintenance III - A/B **Grades: 11-12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: MHS** **Prerequisite: Comp Maint. II**
 Develop advanced critical thinking, applied academic, career development, life and employability skills, business, economic, and leadership skills required for technology occupations. Third year students run the Technology Help Desk for the district and 24PinTech, a student-led enterprise that offers free device repair to staff and students.

Computer Maintenance Internship - A/B **Grades: 12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: MHS** **Prerequisite: Comp Maint. III**
 Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.



MUSD High School

Course Catalog

2024-2025

Network Security: Median Salary Range \$65,000 - \$109,000

Careers include: Cybersecurity Engineer, Cybersecurity Analyst, Network Administrator, Network and Security Architect, Computer Engineer

Network Security I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Comp Maint. I

The Network Security instructional program prepares students to assess the security needs of computer and network systems, recommend safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures.

Network Security II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Network Security I

This program is based off of the highly successful Cisco Academy, designed to teach comprehensive networking concepts and skills, from network applications to the protocols and services provided to those applications by the lower layers of the network. When completed students are prepared to take the CCENT professional certification exam. Earn industry credentials: Security Pro, Network Pro, Linux Pro, Ethical Hacker Pro.

Network Security III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Network Security II

Students will enhance their technical knowledge and skills that are associated with functions of application integrity, cyber threat management, and infrastructure security within Network Technologies' occupations. In addition to the occupation-related skills, students completing this program will also develop advanced critical thinking and applied academic foundational skills.

Network Security Internship - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Network Security II

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Engineering: Median Salary Range \$60,000 - \$120,000

Careers include: Aerospace engineer, Biomedical engineer, Civil engineer, Electrical or Mechanical engineer, Software engineer, Architect, CAD technician

Engineering I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: None

Use design process to solve problems using logic and relationships. Create models of products, analyze and communicate using solid modeling computer design software. Explore topics including technology systems, manufacturing processes, and how technological advances affect society. Integrate math and science technologies into project based learning to show students how math and science provide the foundation for modern engineering.

Engineering II - A/B

Grades: 10-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Engineering I

Learn and develop problem-solving skills by tackling real-world engineering problems. Through theory and practical hands-on experiences, students address the emerging social and political consequences of technological change.

Engineering III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Engineering II

Prepares students for entry-level employment, further training, and/or post-secondary education for these and other occupations: Engineering technician, Manufacturing Equipment Technician, Field technician, manufacturing technician, data center technician, and CAD technician. Earn industry credentials: AutoDesk Certified User - AutoCAD. Course may be eligible for Dual Enrollment with Central Arizona College – EGR 102 Introduction to Engineering

Engineering Internship - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS - MHS

Prerequisite: Engineering III

Placement within the school district or with community partner. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Early Childhood Education: Median Salary Range \$27,000 - \$44,000

Careers include: Preschool Teacher, Kindergarten & Elementary School Teacher, Nanny, Childcare Center Director, Childcare Center worker, Special Education Teacher, School Counselor or Psychologist.

Early Childhood Education I - A/B
Graduation Requirement: CTE/Elective

Grades: 9-11
Location: DSHS

Credit: 0.50
Prerequisite: None

This introductory course prepares occupational students to understand the physical, mental, emotional and social growth and development of children. It is recommended that a portion of class time be spent observing young children.

Early Childhood Education II - A/B
Graduation Requirement: CTE/Elective

Grades: 10-12
Location: DSHS

Credit: 0.50
Prerequisite: Early Childhood Ed I

This is the second course in the coherent sequence for Early Childhood Education. This course prepares students for occupations in early childhood education in both the public and private sector. At least 50% of students' time should be spent working with children below grade three.

Early Childhood Education III - A/B
Graduation Requirement: CTE/Elective

Grades: 11-12
Location: DSHS

Credit: 0.50
Prerequisite: Early Childhood Ed II

This advanced course prepares students for occupations in early childhood education in both the public and private sector.

Early Childhood Education Internship - A/B
Graduation Requirement: CTE/Elective

Grades: 12
Location: DSHS

Credit: 0.50
Prerequisite: Early Childhood Ed III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Education Professions: Median Salary Range \$50,000 - \$64,000

Careers include: Elementary teacher, Secondary teacher, Early Childhood teacher, Interventionist, Speech and Language pathologist, School Counselor, School Administrator

Education Professions I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: None

The Education Professions program is designed to prepare students for employment and/or postsecondary opportunities in the field of education. The program provides instruction in education career choices, education structure and systems, theories, history, pedagogy, developmental stages, learning styles and instructional methods. Students are required to complete 20 hours of K-8 observation per semester. *Course may be eligible for Dual Enrollment with Central Arizona College – EDU 220 Introduction to Education and EDU 221 Introduction to Special Education.*

Education Professions II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Ed Prof I

Enhance knowledge of best practices and research-based innovation in education. Students are required to complete 20 hours of K-8 observation per semester. *Course may be eligible for Dual Enrollment with Central Arizona College – EDU 225 Relationships in the Classroom and EDU 230 Cultural Values in Education.*

Education Professions III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Ed Prof II

Enhance knowledge of best practices and research-based innovation in education. Students are required to complete 20 hours of K-8 observation per semester. *Course may be eligible for Dual Enrollment with Central Arizona College – EDU 228 Behavior Management and EDU 240 Structured English Immersion.*

Education Professions Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Ed Prof III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Hospitality Management: Median Salary Range \$58,000- \$119,000

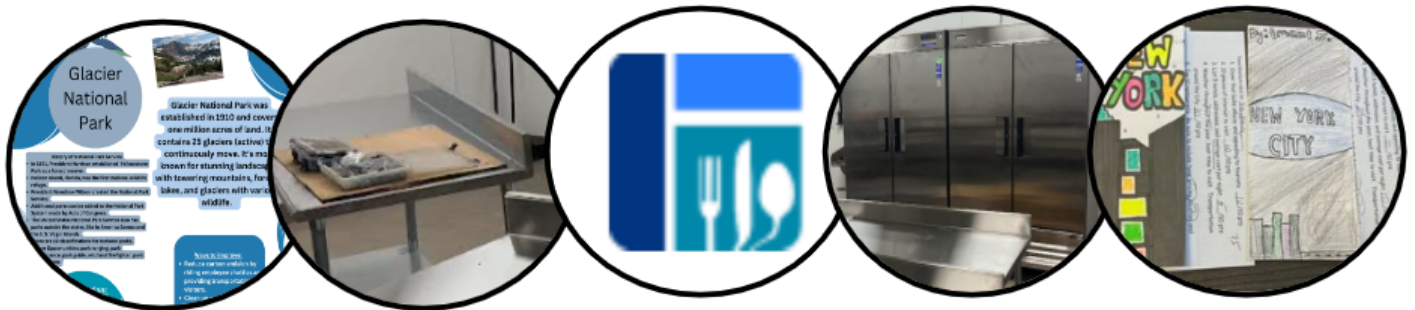
Careers include: Guest Relations, Food and Beverage Management, Tourism, Event Planning, Conference Center Management.

Hospitality Management I - A/B **Grades: 9-11** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: None**
 This course prepares students for occupations in a variety of hospitality services and facilities including: hotels, resorts, convention centers, National parks, travel agencies and cruise lines.

Hospitality Management II - A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: Hospitality Mgt I**
 This is the second course in the coherent sequence for Hospitality Management. The outcomes of this course are integrated into learning projects and simulations to demonstrate the full range of Hospitality Management standards. Work-based learning activities such as internships, school-based enterprises, or job shadowing are considered a component of Hospitality Management application activities.

Hospitality Management III - A/B **Grades: 11-12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: Hospitality Mgt II**
 This advanced course focuses on learning projects and simulations to demonstrate the full range of Hospitality Management standards.

Hospitality Management Internship - A/B **Grades: 12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: Hospitality Mgt III**
 Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.



MUSD High School

Course Catalog

2024-2025

Marketing: Median Salary Range \$58,000 - \$118,000

Careers include: Marketing Director, Marketing Manager, Sales Manager, Product Manager, Advertising Director, Brand Manager, Marketing Strategist, Hospitality Management, Finance

Marketing I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: None

Explore the dynamic world of marketing, sales, product development, business start-up and entrepreneurship. Prepare to conduct the critical business functions associated with directing the flow of products and services from the producer to the consumer. Discover opportunities in the world of marketing, management, finance and hospitality.

Marketing II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Marketing I

Develop an in-depth, practical understanding of economic principles, human resource skills, and marketing concepts as they relate to the essential functions of marketing: distribution, financing, information management, product planning, promotion, purchasing, risk management, and sales. Earn industry credentials: Microsoft Office Specialist.

Marketing III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Marketing II

Instruction in market research, economics, marketing budgets, creative development and design, and marketing foundations and functions – with an emphasis on public relations, advertising, branding, promotion, product and service management, pricing, and distribution. Specialized programs of study and projects may include sports and entertainment marketing, hospitality marketing, or advertising and public relations.

Marketing Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Marketing III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Sports Medicine: Median Salary Range \$44,000 - \$120,000

Careers include: Certified Athletic Trainer, Physical Therapist, Physician, Exercise Physiologists, Kinesiotherapists, Personal Trainers

Sports Medicine I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: None

Learn signs and symptoms of injuries, illnesses, and disorders commonly seen in the physically active population. Develop skills in injury prevention, injury and illness assessment. Use appropriate terminology and medical documentation to record injury and illness. Industry credential: CPR and First Aid certification.

Sports Medicine II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Sports Med I

Introduces students to the roles of various disciplines within sports medicine and rehabilitation sciences as well as other allied health professions. Students will be introduced to the analysis of human movement based on anatomical and mechanical principles. Emphasis is placed on the anatomy and physiology of the muscular, skeletal, and nervous systems and their interaction in human movement and athletic performance. Industry credentials: OSHA 10 – Healthcare.

Sports Medicine III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS - DSHS

Prerequisite: Sports Med II

Develop advanced critical thinking, applied academic, career development, life and employability skills, business, economic, and leadership skills required for health related occupations.

Sports Medicine Internship - A/B/Elective

Grades: 12

Credit: 0.50

Graduation Requirement: CTE

Location: MHS - DSHS

Prerequisite: Sports Med III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Emergency Medical Services: Median Salary Range \$38,000 - \$71,000

Careers include: Emergency Medical Technician, Paramedic, Registered Nurse, Medical Assistant Physician

Emergency Medical Services I - A/B

Grades: 9-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: None

This introductory course will teach students the basic academic and technical knowledge and skills needed to pursue a career in Emergency Medical Services.

Emergency Medical Services II - A/B

Grades: 10-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Emer. Med Svcs I

This advanced course is designed to help prepare students to continue their education toward becoming an Emergency Medical Paramedic by completing an appropriate postsecondary program.

Emergency Medical Services III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: DSHS

Prerequisite: Emer. Med Svcs II

This advanced course will provide an opportunity for students to enhance and apply the academic and technical knowledge and skills in Emergency Medical Services in a laboratory setting.

Emergency Medical Services Internship - A/B

Grades: 12

Credit: 0.50

Graduation Requirement: CTE

Location: DSHS

Prerequisite: Emer. Med Svcs III

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Finance: Median Salary Range \$40,000 - \$83,000

Careers include: Investment Banker, Actuary, Portfolio Manager, Quantitative Analyst, Financial Planner, Securities Trader.

Finance I - A/B **Grades: 9-11** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: None**

This is the introductory course for Finance. Students in this course will receive instruction in a variety of customer services provided by banks, insurance agencies, investment brokers, credit unions and related enterprises. General knowledge of budgeting and credit management are outcomes of this course. A computer with business applications software is used by students to perform business and finance related tasks.

Finance II - A/B **Grades: 10-12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: Finance I**

This is the second course in the coherent sequence for Finance. Students enrolled in this course will receive instruction in principles of economics and accounting, financial instruments, economic and monetary systems. The outcomes of this course are integrated into learning experiences allowing students to demonstrate their knowledge and skills in the full range of Finance State standards through projects and simulations. A computer with business applications software is used by students to perform basic financial management tasks.

Finance III - A/B **Grades: 11-12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: Finance II**

This is the third course in the coherent sequence for Finance. Students enrolled in this course will receive instruction in principles of economics and accounting, financial instruments, economic and monetary systems. The outcomes of this course are integrated into learning experiences allowing students to demonstrate their knowledge and skills in the full range of Finance State standards through projects and simulations. A computer with business applications software is used by students to perform basic financial management tasks.

Finance Internship - A/B **Grades: 12** **Credit: 0.50**
Graduation Requirement: CTE **Location: DSHS** **Prerequisite: Finance III**

Placement within the school district or with community partners. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





MUSD High School

Course Catalog

2024-2025

Business Management: Median Salary Range \$63,000 - \$129,000

Careers include: Accounting, Administrative Services, Benefits and Compensation, Business Executive, Business Operations, Buying and Merchandising, Economics, Entrepreneur, Finance, General Manager, Hospitality, Human Resources, Insurance, Management, Purchasing, Real Estate, Retail, Sales, Supply Chain

Business Management I - A/B **Grades: 9-11** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: None**
Prepares students to plan, organize, direct, and control the functions and processes of a firm or organization. Students will develop an in-depth understanding of the business and financial management practices needed for large and small enterprises, including instruction in management theory, project management, human resources management and behavior, purchasing and logistics, organization and production, marketing, and business decision-making. Students learn and practice valuable real-world skills using industry standard office productivity software to manage business functions.

Business Management II - A/B **Grades: 10-11** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: BSMGT I**
This course is designed to provide a broad understanding of a variety of business management and administrative services functions including management, promotion, finance, communication, problem solving, decision making, economic reasoning, financial and marketing skills needed for an effective and efficient business environment. Students will experience both individual and group based on projects throughout the course.

Business Management III - A/B **Grades: 11-12** **Credit: 0.50**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: BSMGT II**
This course provides students opportunities to determine benefits and risks of self-employment and develop a specific competence in starting a small business. Students will experience application of the following Arizona Economics Standards: implications of scarcity, analysis of current events, interdependence of households and firms, comparison of different economic systems, principles of microeconomics and macroeconomics, the economic role of government, effects of international trade and financial choices. Students will also experience application of the following Arizona Academic Math Standards: number sense, data analysis and probability, patterns and algebra, discrete math and logic. (This course meets state economic standards and MUSD economics credit requirements).

Business Management IV - A/B **Grades: 12** **Credit: 1.00**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: BSMGT III**
This course provides students with an understanding of business and management principles and applications, internet and e-commerce, human relations and team building skills, spreadsheet and database management functions, word processing skills, personal and professional ethics, financial skills, communication skills, electronic presentations in public speaking and other professional skills for college readiness and employment in a business environment.

Business Management Internship **Grades: 12** **Credit: 1.00**
Graduation Requirement: CTE/Elective **Location: DSHS** **Prerequisite: BSMGT III**
This course utilizes a career and technical education internship model to provide seniors who are Business Management program completers with an interest in work-based learning an opportunity to advance their knowledge and skills in communicating, problem-solving, decision making, service, and computer applications through on the job training in a business environment. Students will earn a 0.50 credit for every 135 hours worked per semester, up to 1.00 credit per semester, for working in a paid or unpaid business internship. Course may be repeated for credit up to a maximum of 2.00 credits.



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2024-2025

Broadcasting & Journalism: Median Salary Range: \$31,000 - \$56,000

Careers include: News Analysts, Reporters, Broadcast Engineer, Newscast Director, Field Producer, Researcher, Feature Producer

Broadcasting & Journalism I - A/B **Graduation Requirement: CTE/Electives**

Grades: 09-11
Location: MHS/DSHS

Credit: 0.50
Prerequisite: None

This course will expose the students to the world of Broadcast Journalism. Students, using state-of-the-art equipment, will experience the hard work and dedication it takes to put on a full news broadcast. They will have access to Final Cut Pro, Traicaster, Adobe Suite, and EZ news software, all of which are used by professionals. We also have a professional studio with 6 Sony HD cameras as well as a mobile broadcast unit.

Broadcasting & Journalism II - A/B **Graduation Requirement: CTE/Electives**

Grades: 10-11
Location: MHS/DSHS

Credit: 0.50
Prerequisite: None

The Sports and Broadcasting & Journalism also features a state of the art digital recording studio. In level II, students continue training in radio and commercial, promo, and show production, music creation and production, journalism writing and reporting, media marketing, live sound production and more.



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2024-2025

Software & App Design: Median Salary Range \$51,000 - \$96,000

Careers include: Software application developer, Web developer, Computer systems engineer, Database administrator, Computer systems analyst, Computer programmer

Software & Apps & Design I

Grades: 09-12

Credit: 1.00

Graduation Requirement: CTE

Location: MHS - DSHS

Prerequisite: None

This is the introductory course for the Software and App Design program. This course introduces principles of computers and telecommunications for retrieving, storing or sending electronic information in industries as e-commerce, electronics, health, internet or semi-conductor, basic concepts of computer maintenance, computer security, data management, network technologies, programming, software development and web page development while also providing an understanding of the IT industry, computer mathematics and the evolution of the computer.

Software & Apps & Design II

Grades: 10-12

Credit: 1.00

Graduation Requirement: CTE

Location: MHS - DSHS

Prerequisite: None

This option prepares students to apply software theory and programming methods to the solution of business data problems. This option will offer the skills necessary to competently perform in the industrial environment, as well as pass the necessary exams to obtain certification.

Software & Apps & Design III

Grades: 10-12

Credit: 1.00

Graduation Requirement: CTE

Location: MHS - DSHS

Prerequisite: None

This advanced course prepares students to apply software theory and programming methods for gaming companies, government entities, keeping up with business trends, coding applications, data storage, use and maintenance, while understanding security issues.





MUSD High School

Course Catalog

2024-2025

Stagecraft: Median Salary Range \$46,000 - \$75,000

Careers include: A/V Specialist, Event Management, Arena Management, Video/Film Production, DJ or Sound Engineer, Set and Exhibit Designer, Entertainment Industry Specialist

Stagecraft I - A/B

Grades: 09-11

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS & DSHS

Prerequisite: None

Includes instruction in set design, lighting design, sound effects, theatre acoustics, scene painting, property management, costume design, and technical direction and production and use of computer applications to support these functions.

Stagecraft II - A/B

Grades: 09-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Stagecraft I

Students enhance technical skills and learn how to get along with their team members, to make critical decisions, to solve problems, to develop respect, and to be successful in their chosen occupation. Earn industry credentials: OSHA 10 – Construction Industry.

Stagecraft III - A/B

Grades: 11-12

Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Stagecraft II

Develop advanced critical thinking, applied academic, career development, life and employability skills, business, economic, and leadership skills required for entertainment industry occupations.

Stagecraft Intern - A/B

Grades: 12

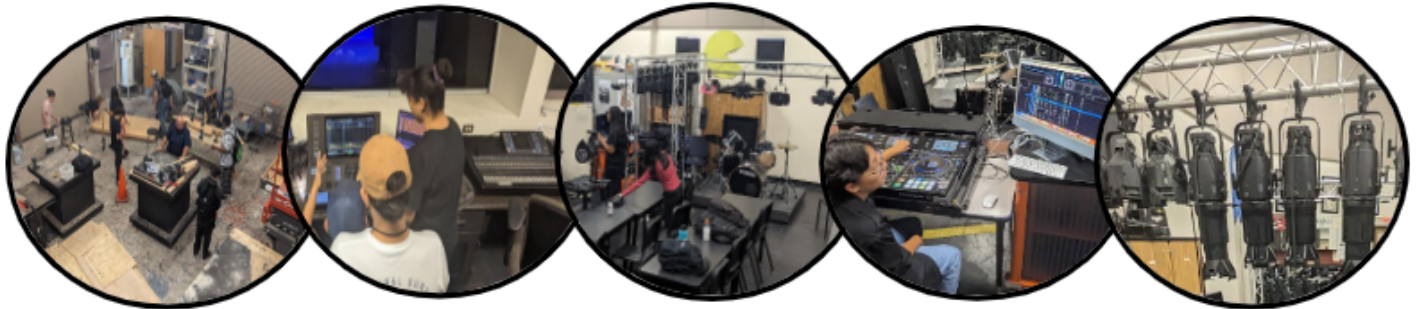
Credit: 0.50

Graduation Requirement: CTE/Elective

Location: MHS

Prerequisite: Stagecraft III

Placement within the school district or with community partner. Receive release time to work in paid or unpaid internship placement. Students will report and verify 120 hours per semester to earn credit.





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2024-2025

CENTRAL ARIZONA VALLEY INSTITUTE OF TECHNOLOGY

CAVIT Programs



CAVIT is the Central Campus for all MUSD High School Career Technical Education programs. The funding provided by voters through the Career Technical Education District (CTED) make the equipment, student organization, travel, and work-based learning experiences possible.

All **CAVIT** programs are delivered on the CAVIT Central Campus in Coolidge, AZ. Transportation is provided to/from MUSD high schools to CAVIT. Attending CAVIT courses requires students to start their school day early (5:50 am or 6:30 am) – students must provide their own transportation to an MUSD high school daily.

MEETS CTE REQUIREMENT

GRADE LEVEL: 11-12

COURSE LENGTH: 2 years

CREDITS: 4

PREREQUISITE: 2.0 GPA and completion of 12 credits

For more details on programs, visit www.cavitschools.com

Automated Industrial Technology
Behavioral Health
Cosmetology
Construction Trades
Dental Science
Drone Technology
Electric Vehicle
Fire Science

Law Enforcement
Massage Therapy
Medical Science
Patient Care
Pharmacy Science
Physical Therapy
Veterinary Science
Welding



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