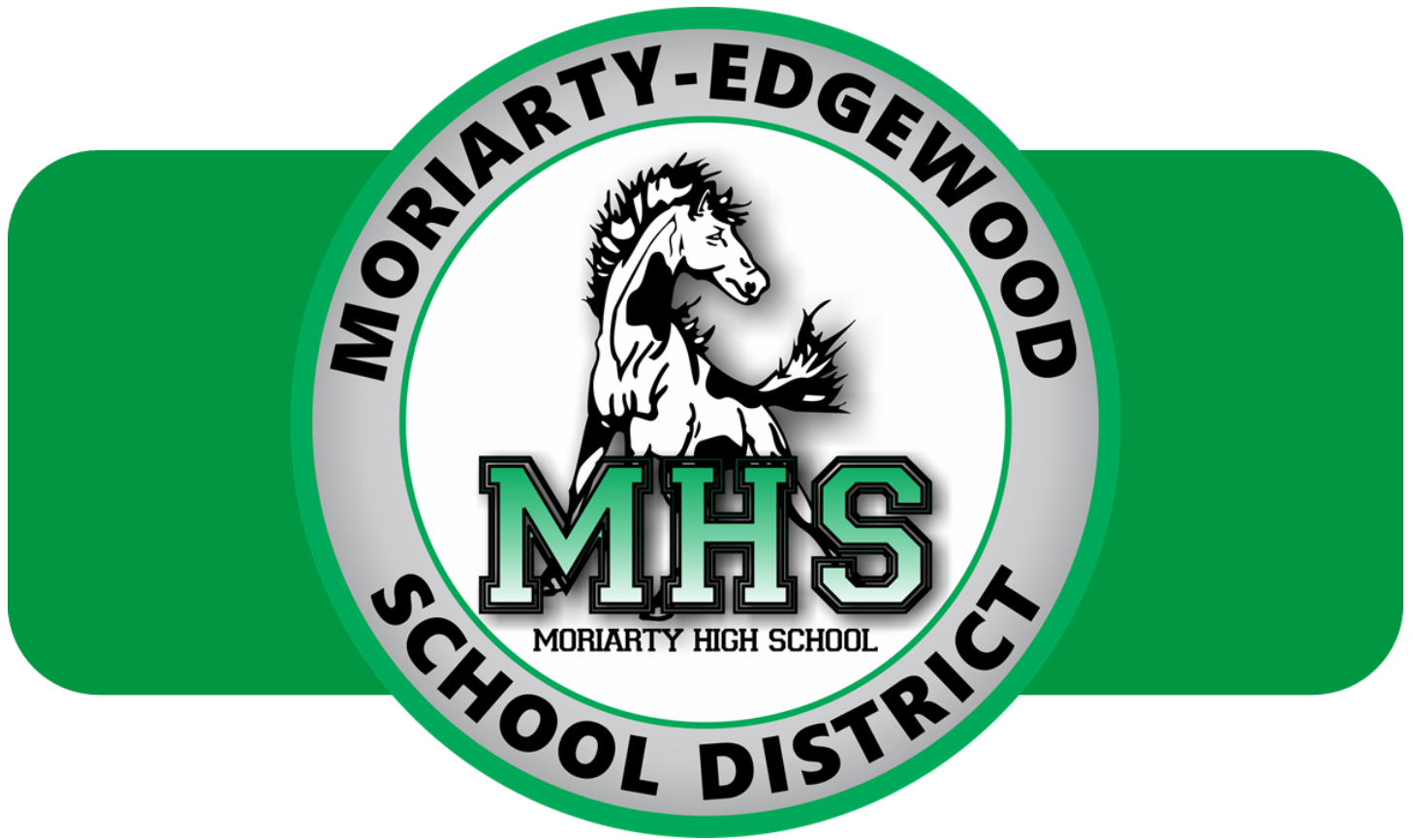




Moriarty High School

Registration Guide & Course Catalog

Moriarty High School
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Moriarty High School is accredited by the New Mexico Public Education Department

Moriarty High School

PO Box 2000

Moriarty, New Mexico 87035

Tel (505) 832-5927

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Welcome to Moriarty High School

Moriarty High School (MHS) serves about 710 students in grades 9 – 12 and offers a challenging, supportive environment in which students are encouraged to grow and thrive.

Academically, MHS will provide you and your family the following:

- An environment that fosters academic and personal excellence within each student
- A rigorous (many dual credit and distance learning classes, 10 Advanced Placement classes) and diverse curriculum designed to prepare students for success in a college, vocation, or training program
- A wide range of programs to meet your needs in the following areas:
 - Core academics
 - Visual Arts in drawing and painting and ceramics
 - Performing Arts in marching band, jazz band, guitar, choir, piano, and drama
 - FFA
 - JROTC
 - Vocational programs in auto, welding, woods, and CAD
 - Computer Science and Robotics

Athletically and extracurricularly, MHS will provide you and your family the following:

- Over 10 sports and over 25 teams
- Over 20 clubs and organizations

Professionally, MHS will provide you and your family the following:

- A dedicated and passionate staff that fosters academic and personal excellence within each student
- Highly qualified teachers providing research-based instruction for each student
- A fully staffed student support services department to help students with their academic, social, behavioral, and mental health needs

MHS provides many opportunities for learning in academic, athletic and extracurricular areas. We know that you will experience success when you make the commitment to attend all classes regularly, prepare for your classes, become actively engaged in your school work, and get involved in activities and athletics. Regular school attendance is required and will help you develop and realize your goals, organize your time, and acquire positive study habits.

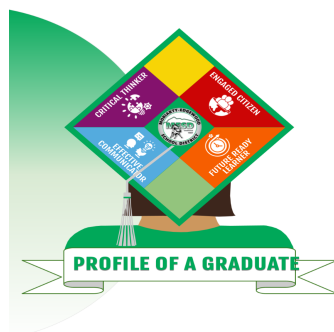
We hope that you will take every advantage of this school year and the opportunities available to make your high school years here both meaningful and enjoyable. Please take the time to regularly check-out the MHS website for updated information: <http://mhs.mesd.us>

MHS MISSION STATEMENT

Inspiring Excellence Through Education!

DISTRICT MISSION STATEMENT

MESD cultivates positive relationships and inspires each student to excel today and tomorrow.



A GRADUATE OF MORIARTY-EDGEWOOD SCHOOLS IS

A CRITICAL THINKER
AN EFFECTIVE COMMUNICATOR
AN ENGAGED CITIZEN
A FUTURE READY LEARNER

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REGISTRATION GUIDE

REGISTRATION and SCHEDULING PROCEDURES

The information in this guide will help you plan for your course of study and familiarize you with the registration/enrollment process. MHS has moved to online scheduling through Powerschool.

SELECTING COURSES

1. It is the responsibility of each student to meet all graduation requirements. The Counseling Department is here to work with you to do so.
2. Students should select courses appropriate to ability and post-secondary educational plans that have been identified as part of the student's Next Step Plan.
3. Moriarty High School Counselors will work with students on inputting their course selections into the computerized Registration Program through Powerschool.
4. If at any time there are questions or if anyone needs more information, call or come by the school for clarification.
5. Placements in all core courses (English, math, science, and history) are based on prior credits earned, with teacher recommendations, grades and State Test scores being considered for placement in AP courses. NOTE: Elective courses will be offered on the basis of the number of students that request the class. Consequently, not all classes in the Registration Guide will be offered. Although every attempt will be made to give you your first choice in electives, if the class did not make due to numbers or if the elective class of your choice is full, your elective alternatives will be utilized. Classes are not chosen or changed based on teacher or lunch preference, and you are not guaranteed the periods in which the classes will be offered.

SCHEDULE CHANGES

1. Sometimes students request schedule changes. Common reasons for schedule changes are as follows:
 - a. Conflicts in schedules.
 - b. Changes needed to satisfy graduation requirements.
 - c. Failure of a prerequisite course.
 - d. Changes needed for the health of a student (Doctor's documentation is necessary).
 - e. Successful completion of the course in summer school.
 - f. Inappropriate academic placement as determined by teacher/counselor consultation.
2. The administration may be required to make late changes to balance class loads or correct student misplacement.
3. Administrators may make late changes to the student's schedule based on current or past discipline issues.

AFTER THE 10TH DAY OF CLASSES FROM THE START OF EACH SEMESTER, STUDENTS WILL NOT BE ALLOWED TO REQUEST SCHEDULE CHANGES.

NOTICE OF NON-DISCRIMINATION

It is the policy of the Moriarty-Edgewood School District not to discriminate on the basis of race, sex, religion, national origin, or disability in any of the educational programs or employment practices. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, or Section 501 of the Rehabilitation Act of 1973 may be directed to Mrs. Teresa Salazar, Superintendent, Moriarty-Edgewood School District, PO Box 2000, Moriarty, NM 87035.

PROGRAMS OF STUDY

COMPREHENSIVE HIGH SCHOOL

The comprehensive, four-year high school curriculum is designed to prepare students to attend a college or university and other post-secondary educational training programs, including vocational schools and military service, as well as for students who plan to begin working immediately after high school.

THE ADVANCED PLACEMENT PROGRAM

The College Board's Advanced Placement (AP) Program offers students the opportunity to take challenging college-level courses while still in high school, and to receive college credit, advanced placement, or both for successful performance on the AP Exams. Advanced Placement Exams are given in May for a fee determined by the College Board. All Fees are due in November for the May Tests. Courses that could be offered by Moriarty High School include: AP English Literature and Composition, AP English Language and Composition, AP U.S. Government and Politics, AP Calculus AB, AP Physics 1, AP US History, AP World History, AP Music Theory, and AP Studio Art.

Students enrolled in an AP level course need to be willing to spend the extra time and effort to successfully complete the college level course. At registration, students will declare their interest to take an AP course, and teachers and departments will work with these students through May to ensure students are prepared to study and committed to succeed.

Students will have a 1.0 added to their GPA for successful completion (C or better) of each AP or weighted course (Board Policy 401).

INSTRUCTIONAL SUPPORT SERVICES

Special Education and related services are provided at Moriarty High School for students found eligible under the Individuals with Disabilities Education Act (IDEA 2004). Individual Education Plans (IEP's), including courses of study are developed to address student needs while providing access to the general curriculum. Students with an IEP generally receive a continuum of support and services to include monitoring in general education classes, inclusion and self-contained services. A myriad of related services are also provided as required to meet individual needs. Gifted services and instruction are also available to those students who qualify. For any questions or concerns, please make initial contact with Instructional Support Services at 832-5992.

Moriarty High School offers individualized instructional support for those students who have a SAT plan, 504 Plan, or an Individualized Education Program (IEP) plan.

VIRTUAL ACADEMY of LEARNING (VAL)

The Virtual Academy of Learning (VAL) is an online program held through Moriarty High School. Students are still enrolled in full time school through VAL, but all classes are online through a program called Edgenuity. Students must come to Moriarty High School campus to our Edgenuity lab to work on their courses. Mondays count as the students' attendance. If students are absent two consecutive Mondays, they will be dropped from school and lose their spot in VAL and will be placed back in regular classes on campus. Students are required to have access to the internet and computer/laptop at home, and must work on their online classes a minimum of one hour per class, per day, 5 days a week.

Students enrolled into VAL will be registered with 5 classes: English, Math, Science, History and one elective. The student must be successful in these courses to continue in VAL for future semesters. The student will need to make up electives missed during fall/spring either during holiday breaks or over the summer to equal 2 full credits. If the student is successful in these courses, they may continue in VAL for future semesters. Students may also come back to regular classes on campus at the beginning of any semester. If a student is not successful in VAL, they will be removed from the program, and placed back to regular classes on campus. Their grades in VAL will transfer over with them.

DUAL CREDIT

Dual Credit allows students to accelerate their learning and supplement some elective courses offered at MHS. While students earn high school credit, they also earn college credit. Dual Credit courses are free to students, and the required textbooks are paid for. Some courses may have specific course fees, which are covered by the student. For qualified students, MHS accepts courses taken at a college, university, or vocational school for credit while simultaneously enrolled in high school. Students must meet with their assigned Counselor before enrolling in any supplemental program and receive administrative approval. Courses for which the college or university has provided a curriculum aligned to the NM Standards and Benchmarks may receive district approval for core credit. The alignment must be approved prior to taking the course for core credit to be awarded. Moriarty High School has partnered with Mesalands Community College, CNM, ENMU and UNM to offer dual credit opportunities for **Sophomores, Juniors & Seniors**. Dual credit classes will be offered during the school year with some during the regular school days. Out of state colleges may or may not accept these credits. The Moriarty-Edgewood School District will transcribe credit earned from the

partner institution upon receipt of an official grade or transcript record (Board Policies 412 & 316). Each 3 hour course successfully completed will record as a full credit on your HS transcript. You must check with your Counselor or an administrator to verify if the course is for elective or core credit. Commonly chosen dual credit classes will be listed in the associated curriculum section.

ACADEMIC STUDENT PREP

All students will be assigned to a 30 minute student enrichment or intervention class. Students who are academically successful will be provided with vital study skills, reading skills, test taking strategies, character development, time to complete scholarship applications, ACT preparation, and participation in online or other elective courses. Students will utilize this time to discuss and set career, college, and personal academic goals.

DISTANCE/COMPUTER-BASED LEARNING

Distance learning opportunities are listed throughout the course catalog. Distance learning is defined as a course utilizing technology and educational processes in environments where the educator and student are not physically in the same space during instruction. These courses are typically taken either through the online Edgenuity program for high school credit, or through college courses taken on Blackboard for college and high school credit. Students are strongly advised to have internet in their homes; however, adequate time, and internet access to work on the courses is allotted during the school day. Parents wanting more information on distance learning should speak with their student's school counselor.

EDGENUITY

Edgenuity is a research-based video course curriculum, which offers more than 185 semester-equivalent core and elective online courses for students, grades 6-12. The program can be used at home or in school. Moriarty High School students utilize this program to recover credits, take electives not offered by a live instructor, or fit a course they could not otherwise into their schedule. Students taking dual credit courses in the fall who do not sign up for a corresponding spring credit course will be enrolled in an Edgenuity elective.

ADMISSION

In order to enroll at Moriarty High School a student must meet the following requirements:

- Be a resident of the Moriarty-Edgewood School District.
- Out-of-District residents can apply for open enrollment to the Moriarty-Edgewood School District.
- Have the equivalent of an eighth grade education.
- Provide documentation to show that all immunizations are current.
- Be accompanied by his or her parent or guardian during the enrollment process.
All exceptions must be cleared by the School Administration.
- Provide addresses of all schools previously attended. For transfer students, all credits earned from another accredited school in New Mexico will be accepted. Transcripts from other states will be evaluated and equivalent credit will be awarded.
- If over 18 years of age, enrollment is at the discretion of MHS Administration.

CREDITS

GRADUATION CREDIT REQUIREMENTS (Graduating classes of 2025, 2026, 2027, and 2028)

Language Arts	4	Freshman, Sophomore, Junior, Senior
Math	4	Algebra I, Geometry, Algebra II and a 4th Math
Science	3	2 w/Lab
History	3.5	World History, US, Government/Economics, NM (1/2)
Career Cluster/Workforce Readiness	1	(Includes Language other than English)
PE	1	
Fine Arts/Practical Arts	1	
Electives (Includes 0.5 Health)	8.5	
Total Credits Required	26	One of the above credits must be Advanced Placement OR Honors OR Dual-Credit OR Distance Learning.

One-half (.5) credit is assigned to each course where a passing grade of 60 percent (60%) has been earned for each semester. One unit of credit (1.0) is earned when a course is completed (both semesters are passed).

GRADUATION CREDIT REQUIREMENTS (Graduating classes 2029 and beyond)

Language Arts	4	Freshman, Sophomore, Junior, Senior
Math	4	Algebra I, Geometry
Science	3	2 w/Lab
History	4	World History, US, Government, Economics,
Career Cluster/Workforce Readiness	1	(Includes Language other than English)
PE	1	
Fine Arts/Practical Arts	1	
Electives (Includes 0.5 Health)	8.5	
Total Credits Required	26	Students' must complete two credits in either Career or Fine Arts progression to meet MHS requirements.

CLASSIFICATION OF STUDENTS

10th Grade (Sophomore)	Minimum of 6 earned credits
11th Grade (Junior)	Minimum of 13 earned credits
12th Grade (Senior)	Minimum of 20 earned credits

TRANSCRIPTS

A list of courses taken, grades earned, and credits assigned is maintained while a student is enrolled in high school. This record provides a means of tracking graduation requirements, determining grade point averages, and assigning rank in class. Students are encouraged to review their transcript with their school counselor annually.

TRANSFER OF TRANSCRIPTS FROM STATE ACCREDITED SCHOOLS

Moriarty High School will accept credits and courses in progress from another school that is accredited by the State Board of Education. The Registrar will assist in determining how the credits transfer on the transcript, and the assigned counselor will assist in determining how the credits will meet the graduation requirements according to the New Mexico Public Education Department. It is the student's responsibility to assure that official documentation of transfer credit is forwarded to MHS.

TRANSFER OF TRANSCRIPTS FROM NON-ACCREDITED SCHOOLS

Credits transferred from non-accredited schools that are supported by a transcript will be accepted under the following guidelines:

Credits for core courses — English, math, science, and social studies — required for graduation will be accepted based upon passing an appropriate competency examination chosen by the Moriarty High School Administrative.

CREDIT RECOVERY

Moriarty High School wants students to be successful in high school and graduate in four years. It recognizes that students sometimes struggle academically and even fail classes, so the school team works to help students recover credits and get back on track for graduation.

Credit Recovery is a unique program that provides time during the instructional day for students to recover lost credit and ensure content standards are learned. This program supports students as they strive for their high school diploma. Credit recovery for core courses will be offered to Moriarty High School students depending on available staffing, funding and administrative approval. All credit recovery courses are facilitated by highly qualified content area teachers. Students who qualify will be assigned to Credit Recovery by a team of educators that may include counselor, teacher, administrator, student and parent.

Students will meet with their grade-level counselor to discuss credit recovery options. Students who failed a course and choose to not take advantage of credit recovery options will be required to retake the course. Credit Recovery options may include online classes through Edgenuity, placement in a math, English, or science credit recovery lab, placement in a student prep for credit recovery, or a credit recovery plan that the student does on their own time.

CREDITS FOR COURSEWORK COMPLETED OFF THE HIGH SCHOOL CAMPUS

Credit will be granted on the student's high school transcript for high school courses taken at the middle school campus or an approved high school course taught on a college campus while the student is still enrolled in high school provided that the course requirements are equivalent or higher to a high school course. An arrangement is currently articulated between the two middle schools and the high school in the Moriarty-Edgewood School District that Algebra I and Health taken at the middle school will transfer in as high school credit if all requirements are met as specified in Board Policy (Board Policy 388).

HIGH SCHOOL STUDENTS IN POSTSECONDARY COURSES

Credit will be granted for students who have passed a course at a vocational/technical school, college, or university provided the school has appropriate accreditation, under these conditions:

- The level of the course is equal to or higher than the level of a high school course.
- Prior approval has been obtained from Administration and it is determined that it is in the best interest of the student.

SUMMER SCHOOL COURSES

Credit earned through an accredited State Board of Education school will be accepted toward the fulfillment of graduation requirements. It is the student's responsibility to ensure that the summer school transfer credit is forwarded to MHS.

CREDIT LIMITATIONS

CREDIT MINIMUMS

Students must maintain seven courses in their schedule during their school day. Off-campus passes will be issued only to seniors who have obtained enough credits to graduate without those credit hours AND have an approved plan to meet all graduation requirements AND provide proof of employment, internship or enrollment in a college course, and at the discretion of the MHS Administration. Senior students must be enrolled in at least four courses offered on the high school campus or have met all graduation requirements and be enrolled in at least four dual credit courses as an MHS student.

LATE ENROLLMENT

New students enrolling after the 20th school day will meet with Administration and the School Counselor to discuss educational opportunities.

WITHDRAWAL

All books, materials, equipment, and uniforms must be returned and all fees and fines paid upon withdrawal from Moriarty High School. Official records are held until all textbooks are returned and fees are paid.

GRADES

SEMESTER GRADES

These percentages determine semester grades:

First 9 weeks' grade	45%
Second 9 weeks' grade	45%
Semester exam	10%

PROGRESS REPORTS

Midway in each nine week grading period, progress reports are completed to keep students and parents up-to-date. Progress reports will be sent home with the student for parental review. Please check your school yearly calendar for these dates.

NINE WEEKS' REPORT CARDS

One week after the end of the nine-week grading period, a report card will be mailed to the student's home.

INCOMPLETES

Teachers are encouraged to assign grades rather than incompletes at the end of a grading period. A student needs to make arrangements with the teacher to turn in incomplete work immediately upon returning to school (Board Policy 320).

ACTIVITY ELIGIBILITY

To be eligible to participate in activities sponsored by MHS and the New Mexico Activities Association, a student must have established a 2.0 Grade Point Average or better as a semester g.p.a and have no F's. Other specific guidelines may be obtained by contacting the Director of Athletics.

ACADEMIC HONORS

ACADEMIC LETTER STANDARDS

Each letter is based on the two semesters of a school year. The student must have at least a 3.33 GPA for both of the two semesters. The student must be enrolled in and have completed four academic classes each semester at MHS.

Grade	Average Range	Grade Points
A+	100	4.00
A	99-93	4.00
A-	92-90	4.00
B+	89-87	3.67
B	86-83	3.33
B-	82-80	3.00
C+	79-77	2.67
C	76-73	2.33
C-	72-70	2.00
D+	69-67	1.67
D	66-63	1.33
D-	62-60	1.00
F	Below 60	0.00

The first year a student letters he or she receives the academic “M” cloth letter. For the second, third, and fourth years he or she receives a gold bar.

Letters are awarded once a year, given annually at the awards assembly. Seniors qualifying for their first-year letter will be presented their letter at the Awards Assembly at the end of the year.

ADVANCED PLACEMENT

A point value of 1.0 shall be added to the total number of points earned to compute the GPA of any student successfully completing an Advanced Placement course. No points will be added if a student earned a D or an F. All courses shall be awarded a letter grade, including student aide, internships, or any class offered for credit to be posted on the high school transcript. New student transcripts shall be evaluated to conform to this policy. (Board Policy 401)

HONOR ROLL

To be named to the honor roll, you must have achieved a 3.5 Grade Point Average for the nine-week grading period and be enrolled in at least four classes with a minimum of three classes in academic areas. You may not have any grade below a C. There is no formal notification of student placement on the honor roll.

VALEDICTORIAN-SALUTATORIAN POLICY

A student must have been enrolled in the previous two semesters to serve as Valedictorian or Salutatorian. The final decision as to who will serve as the Valedictorian and Salutatorian is contingent on the highest and second highest GPAs at the end of the eighth semester. Should there be a tie for the Valedictorian position, each will serve provided the cumulative GPA is maintained through the eighth semester. In the event of a tie for Salutatorian, each student will serve, provided the cumulative GPA reflects a tie of the second highest GPA at the end of the eighth semester.

SCHEDULING PROCEDURES |

PRIOR TO REGISTRATION

Students will receive a pre-registration form, and instruction on how to use and locate the course also at this time. The student’s school counselor is available to answer registration questions on both the necessary classes for graduation, and elective options based on grade level. It is the responsibility of the student and her or his parent/guardian to review the provided pre-registration materials prior to selecting courses. It is the

responsibility of the MHS counseling staff to make sure these materials are provided within the designated time. Students are expected to return the pre-enrollment form completely filled out, and with a parent signature.

REGISTRATION

Registration will occur using the online PowerSchool Registration Program. Students will register for their required core courses with direct instruction of their counselor. It is important for students to note exceptions to scheduling such as a student transferring into the district with credits from another school, or a student who may need to repeat a course. Students requesting Advanced Placement or dual credit courses should speak with the on-campus teacher prior to enrolling. Courses such as these have specific enrollment requirements. Students must request a full schedule, and select the required amount of electives. Student and family registration input will be significantly considered prior to allowing students a schedule change in the following school year.

POST REGISTRATION

Students and families will have a limited amount of time to alter the student's requested courses. Course requests will no longer be subject to change after the determined PowerSchool schedule upload date. It is important for students and parents to continue discussing scheduling following enrollment, and direct questions to the student's designated counselor. Schedules will be available for pick up the week prior to school beginning.

SCHEDULE CHANGE

Moriarty High School bases its master schedule on pre-enrollment data. It is imperative that students and families consider their course requests, and limit schedule change requests to:

- A. Needing another course for graduation
- B. Not completing a pre-requisite
- C. Health concerns
- D. Completing the course over the summer
- E. Inappropriate academic placement

SCHEDULE CHANGE REQUESTS AFTER THE 10TH DAY OF CLASSES WILL REQUIRE ADMINISTRATIVE APPROVAL FOR CONSIDERATION.

PARENT AND STUDENT ACCESS TO POWERSCHOOL

In an effort to enhance communication with parents/guardians, MESD has updated the PowerSchool Parent Portal to a single sign-on program. This will allow parents/guardians with more than one child to access all of their children at one time with one login and password. You will still be able to securely view your child's up to the minute student attendance, grades, detailed assignment descriptions, school bulletins, and even personal messages from the teacher. This portal is a great way to discuss school and the classes that your child is taking this year.

Grades are posted to the Parent Portal by the teachers. The teacher's grade book is a "snapshot" and does not always accurately reflect the student's overall progress or performance. Grades can have different values in weighting and will vary by particular courses. Please remember that all assignments will be put up as soon as possible by all teachers but some projects will take longer to assess and post depending on their size. If you have questions regarding an assignment, you can always email the teacher.

Parents and guardians of a student as well as all students themselves can access grades and attendance via the internet. A personal username and password is generated by Moriarty High School for each student. The username and password will get you on to PowerSchool, the program used by Moriarty High School to keep a record of grades and attendance. To obtain your username and password, contact your school Counselor or the Registrar to pick up the letter with appropriate information on it.

TESTING PROGRAMS

Moriarty High School offers many testing opportunities, from their 9th grade year through their 12th grade year. Tests such as District Benchmark and annual state assessments allows students, families and schools to see student academic growth from year to year, and can be used to set personal student goals in each subject area. Other types of testing, such as PSAT, ACT, SAT and ASVAB help students prepare for life after high school, whether they are college bound, join the military, or go right into the workforce or a trade school.

In order to earn a High School Diploma, students must show proficiency in Math, Reading, Writing, Science, and Social Studies. Beginning in 9th grade, students begin taking PSAT, SAT, NM-ASR, and End of Course (EOC) exams giving them multiple opportunities to show proficiency needed to earn a diploma.

Following is an outline of the current testing programs administered by Moriarty High School Counseling Office, by grade level with approximate test dates. The Moriarty High School Counseling Office will release specific test dates as each testing session nears.

9th Grade

- December/May – District Benchmark Assessments
- April – PSAT in Language Arts and Math

10th Grade

- December/May – District Benchmark Assessments
- November - Armed Services Vocational Aptitude Battery (ASVAB)
 - Provides aptitude and interest assessments
 - Offered without charge by the US Department of Defense to 10, 11 and 12th grade students
 - Designed to predict future occupational and academic success
 - Provides career exploration to help students identify, select, or reconsider their interests, goals, and career majors
- April - PSAT

11th Grade

- October - Preliminary Scholastic Aptitude Test (PSAT) Optional –required for the National Merit Scholarship
- April- NM-ASR and SAT

11th & 12th Grades

- November - Armed Services Vocational Aptitude Battery (ASVAB)
- October, December, February, April, June
- American College Test (ACT) and Scholastic and Aptitude Test (SAT)
 - College entrance exam, necessary where required for admission
 - Measures English, math, reading and science reasoning abilities
 - Encouraged for juniors in case of re-testing need as a senior
 - Accepted by all NM and many out-of-state schools

POSTSECONDARY PLANNING

The faculty and staff of Moriarty High School understand making decisions for life after high school is difficult for students and families. Students meet with counselors throughout the year in both group and individual settings to discuss available resources, frequently asked questions, and pathways to create and accomplish goals. Counselors, as well as other faculty and staff, are available to speak with parents via an appointment or during parent-teacher conferences.

NEXT STEP PLANS

As students move through the high school setting, it is important that they undertake a broad view of all available options. To provide students with a tool for exploring and organizing these possibilities, Moriarty High School has implemented the Next Step Plan in accordance to the Public Education Department of New Mexico and meeting the legislative requirements of HB 522 (Section 22.13.1.1, NMSA) and SB561.

The Next Step Plan process allows the student, parents, and the assigned School Counselor to select courses that cultivate individual growth and development of personal goals beyond high school.

Through this process, students become more familiar with academic and personal goal setting, credits needed for graduation, and future course planning. Students will plan, year-by-year, which courses best fit their academic path. MHS recognizes that everyone may not have a firm grasp of their future plans and that many changes will occur during the course of the four years. It is important to begin planning early to avoid missed opportunities or options.

NEXT STEP PLAN POLICIES

1. During each academic year, students are scheduled to work with a counselor to develop or update a Next Step Plan, either in a classroom or an individual setting.
2. The Next Step Plans must be signed by the student, a parent/guardian, and their assigned counselor each year.

RECOMMENDATIONS FOR STUDENTS AND PARENTS

- Know the graduation requirements. Meeting all graduation requirements is the student's responsibility.
- Develop a good understanding of the courses available at MHS. Review this guide and contact the MHS Counseling Department with questions.
- Keep a good set of academic courses in your schedule each year. Colleges look for a rigorous curriculum.
- Keep all options open. Use the high school years to explore courses taking advantage of the vast array of opportunities.

PLANNING

Students planning to attend a school of higher education or vocational training must be prepared in order to succeed. Courses that are generally required by institutions of higher learning are:

- English — 4 credits with as much emphasis on composition and literature as possible
- History — 4 credits (World History US History, Government, and Economics)
- Mathematics — 4 credits
- Science — 3 credits (2 lab science)
- Modern Language — 2 credits recommended for college enrollment, however, not required for high school graduation. This can count for the career cluster requirement.

All approved courses must meet current New Mexico high school graduation requirements, but may not meet college entrance requirements. College catalogs provide guidance on admission requirements.

ORGANIZATIONS AND ACTIVITIES

Students are encouraged to participate in extracurricular organizations and activities. Involvement helps students become well rounded individuals by acquiring experiences that cannot be taught in a classroom. Successful participation in these activities is important for scholarships, applications, recommendations, college entrance and adds to the student's overall resume. Please refer to the student handbook regarding Code of Conduct. Organizations are available based on teacher sponsorship and student participation.

ATHLETIC PROGRAMS

MHS is a member of the New Mexico Activities Association, and competes at the District IV 4A level. Teams are divided into Varsity, Jr. Varsity and C-Team.

- BOYS compete in Football, Basketball, Track, Wrestling, Soccer, Baseball, Powerlifting, Cross Country, Cheer, and Tennis.
- GIRLS compete in Volleyball, Basketball, Track, Soccer, Cross Country, Powerlifting, Wrestling, Dance, Cheer, Softball, and Tennis.

INFORMATION FOR COLLEGE-BOUND ATHLETES

Parents of student-athletes who desire to participate in athletics at the collegiate level should become aware of the requirements of the various classifications of collegiate athletics. The following web-sites provide valuable information regarding academic requirements and recruitment standards. The NCAA and NAIA "College Guides" are available on these sites and list the academic requirements and other essential information for the college-bound student-athlete.

NCAA (Divisions I, II, III): www.eligibilitycenter.org
NAIA: www.playnaia.org

Additional information is available through your school counselor or the athletic department office 832-5947.

CLUBS AND ORGANIZATIONS

Please check with your counselor for club and organization opportunities available at MHS.



COURSE CATALOG

CORE COURSES PATHWAYS

	9 - Freshman	10 - Sophomore	11 - Junior	12 - Senior
English	English I	English II	English III AP Eng Lang & Comp	English IV AP Eng Lit & Comp DC English Composition S1 DC English Composition & Research S2
Math	Algebra I Geometry	Geometry Algebra II	Algebra II AP-Pre Calc	CB Financial Math AP Calculus AB DC Probability & Statistics DC Financial Literacy
Social Studies	New Mexico History**** Government (Class of 2029)	World History & Geography AP World History	United States History & Geography AP United States History & Geography	Economics
Science	Earth and Space Science	Biology	Chemistry AP Physics I Physics Biology II Environmental Science	Chemistry AP Physics I Physics Anatomy & Physiology Environmental Science
Modern Language	Spanish I	Spanish II	Spanish III	Spanish IV
PE / Health	Physical Education/CB Personal Wellness Health			

AP = Advanced Placement Course | DC = Dual Credit Course

FINE ARTS PATHWAYS

	9 - Freshman	10 - Sophomore	11 - Junior	12 - Senior
Art	Ceramics I Drawing & Painting I	Ceramics II Drawing & Painting II	Ceramics III Drawing & Painting III AP 2D Art/Drawing	Ceramics Advanced Drawing & Painting Advanced AP 2D Art/Drawing
Music	Marching Band/Jazz Ensemble Concert Band I Guitar I Piano I Instrument Ensembles Beginning Mixed Choir	Marching Band Concert Band II Guitar II Piano II Advanced Chorus I Messengers I Advanced Treble	Marching Band Concert Band III Guitar III Piano III Advanced Choir II AP Music Theory Messengers II	Marching Band Concert Band IV Guitar IV Piano IV Advanced Chorus IV Advanced Choir III AP Music Theory Messengers III, IV

AP = Advanced Placement Course

CAREER PATHWAYS

	9 - Freshman	10 - Sophomore	11 - Junior	12 - Senior
Agriculture	Intro to Agriculture	Intro to Agriculture Intro to Agriculture Mechanics DC Horticulture & DC Crop Science -OR- DC Animal Science & DC Dairy Management	Applied Science in Agriculture DC Horticulture & DC Crop Science -OR- DC Animal Science & DC Dairy Management Agriculture Leadership & Communication	DC Horticulture & DC Crop Science -OR- DC Animal Science & DC Dairy Management Agriculture Leadership & Communication Agriculture Internship
Automotive	Power Auto I	Power Auto II	Power Auto III	Power Auto IV
Welding		Metal Fabrication for Agriculture DC Welding Blueprint Reading I DC Oxyacetylene Welding & Cutting	DC Welding Math DC Intro to SMAW	DC Intro to GTAW DC Intro to GMAW
Carpentry	Woods Technology I	DC CAD Design & Software S1 DC Drafting Architectural S2 DC Carpentry Blueprint Reading S1 DC Fundamentals of Carpentry S2	DC Furniture Making S1 DC Cabinet Making S2	DC Advanced Furniture Making S1 DC Spanish Colonial Furniture S2 DC Occupational Safety for Construction I Certificates*
Animal Science	Introduction to Agriculture	Animal Science Large Animal Science Wildlife Sciences	Applied Science in Agriculture	Anatomoy and Physiology
Natural Resources	Intro to Agriculture or Environmental Science	DC Land	DC Forestry	DC Wildlife
Healthcare		Biology	Anatomy and Physiology	DC Medical Terminology DC Healthcare Occupations
Military	JROTC I	JROTC II JROTC Skills I	JROTC III JROTC Skills II	JROTC IV JROTC Skills III

DUAL CREDIT COURSES REQUIRED FOR THE WHOLE YEAR!!!!**ADDITIONAL PATHWAYS**

	9 - Freshman	10 - Sophomore	11 - Junior	12 - Senior
Computer Science/ Technology	CS Programming I General Robotics	CS Programming II Intermediate Robotics	CS Programming III Advanced Robotics	Advanced Programming Advanced Robotics II
Aviation/ Drone Technolgy	Aviation/Drone Technology	Aviation/Drone Technology II	Aviation/Drone Technology III	Aviation/Drone Technology IV
History Electives	National History Day Project I	National History Day Project II	National History Day Project III	National History Day Project IV
Fitness	Physical Education Athletics I- Only Freshman who are on a Varsity Team.	Fitness and Conditioning I Athletics I. II	Fitness and Conditioning II Athletics II. III	Fitness and Conditioning III Athletics III/IV
Electives	Driver's Education	Yearbook I (By Application Only)	Yearbook II (By Application Only) Tutoring Practicum	Yearbook III (By Application Only) Student Aide Tutoring Practicum
	Family Consumer Science	Family Consumer Science II	Culinary	
	Graphic Design			
	Journalism	Speech and Debate	Youth and Government	
	Work Based Learning	Internship	Work Study	Academic Tutor

AP = Advanced Placement Course | DC = Dual Credit Course

ADDITIONAL CAREER PATHWAY OPTIONS

	9 - Freshman	10 - Sophomore	11 - Junior	12 - Senior
Animal Science	Introduction to Agriculture	Animal Science	Applied Science in Agriculture	Anatomoy and Physiology
Natural Resources	Intro to Agriculture or Environmental Science	DC Land	DC Forestry	DC Wildlife
Healthcare		Biology	Anatomy and Physiology	DC Medical Terminology DC Healthcare Occupations

English I

1001
Grade 9

1.0 Credit

In this course founded on Common Core State Standards, students learn to interpret complex grade-level literary and informational, nonfiction texts as they engage in close reading and critical thinking for a variety of purposes (i.e. analysis, argumentation, etc.). Writing instruction builds on previous foundations of grammar, mechanics, punctuation, and vocabulary as students research and write for a variety of audiences and purposes, including narrative, analytical, and persuasive essays and research reports. Curriculum for English I will include the following texts: *Romeo and Juliet* and *The Odyssey*, *Of Mice and Men*, as well as selections from poetry, nonfiction, short stories and novels. This course satisfies the requirement for English I.

Prerequisite(s): None

English II

1002
Grade 10

1.0 Credit

In this course founded on Common Core State Standards, students continue their work to interpret complex grade-level literary and informational, nonfiction texts as they engage in close reading and critical thinking for a variety of purposes (i.e. analysis, argumentation, etc). Writing instruction continues to build on previous foundations of grammar, mechanics, punctuation, and vocabulary as students research and write for a variety of audiences and purposes, including narrative, analytical, and persuasive essays and research reports. Curriculum for English II will include the following texts: *To Kill a Mockingbird*, a selection from *Shakespeare*, and a dystopian selection(s), as well as selections from poetry, nonfiction, short stories and novels that include world literature selections. This course satisfies the requirement for English II.

Prerequisite(s): English I

English III**1003**
Grade 11**1.0 Credit**

In this course founded on Common Core State Standards, students learn to interpret complex grade-level literary and nonfiction texts as they engage in close reading and critical thinking for a variety of purposes (i.e. analysis, argumentation, etc). Students will write narrative and expository essays, as well as research-based projects. Writing instruction will build on previous foundations of grammar, mechanics, punctuation, and vocabulary as students research and write for a variety of audiences and purposes and be able to describe these audiences and purposes. This course builds on the writing, reading and critical thinking skills developed in English I and II. The focus is literary studies of various genres in American Literature and foundational American documents, with emphasis placed on the different movements in American Literature from Pre-Colonial to Modern Times. This course satisfies the requirement for English III.

Prerequisite(s): English I and II

AP English Language and Composition**1012**
Grade 11**1.0 Credit**

AP English Language and Composition provides high school students who are interested in studying and writing various kinds of analytical or persuasive essays on non-literary topics with a college-level English option in language, rhetoric, and expository writing. The course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Mature and hardworking students will learn to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Juniors who take this course in place of American literature will receive an English credit. Seniors may take this course; however, this course should not be taken in place of a senior level English and will not be credited as such. Students are strongly encouraged to take the AP exam in May. This course satisfies the requirement for English III for Juniors and counts as an elective credit for Seniors.

Prerequisite(s): At least one Pre-AP course in English I or II, writing samples, and teacher recommendation.

English IV**1004**
Grade 12**1.0 Credit**

In this course founded on Common Core State Standards, students learn to interpret complex grade-level literary and nonfiction texts as they engage in close reading and critical thinking for a variety of purposes (i.e. analysis, argumentation, etc). Students will read, analyze, and discuss selected models of stylistic and literary merit as a basis for using the writing process for expository and persuasive writing. Through their writing, they will apply the basics of grammar, mechanics, vocabulary, and usage for the English language. Shorter formal research paper(s), along with scholarship and college applications will be included. This course satisfies the requirement for English IV.

Prerequisite(s): English I, II, and III

AP English Literature & Composition

1013
Grade 12

1.0 Credit

AP English Literature and Composition provides high school students who are interested in an in-depth study and analysis of literary texts with a college-level English option in literary analysis. The course engages students in becoming skilled readers and critical thinkers of prose, drama, and poetry, and in writing and discussing skillfully. Mature and hardworking students will learn to read and understand complex texts and write with significant richness and complexity to communicate effectively with mature readers. Seniors who take this course in place of English IV will receive an English credit. Students are strongly encouraged to take the AP exam in May. This course satisfies the requirement for English IV.

Prerequisite(s): English I, II, and AP Language and Composition, writing samples, and teacher recommendation.

Dual Credit | ENG 102 English Composition

10049930
Grade 12 – Fall Semester

1.0 High School Credit
3.0 College Credits

This course covers grammar relative to the sentence and paragraph. Students write essays based on rhetorical modes of narration and description process analysis, comparison and contrast, division and classification, definition, cause and effect, and persuasion or argument. Students practice critical thinking skills through class discussions and peer reviews. This course is designed for the college-bound student who has been successful in Enriched, Pre-AP, or AP high school English courses. *Students are required to take a second semester English class their Senior year to meet CCSS.* This course satisfies half of the requirement for English IV. In order to receive college credit, the student must pass with a 70% or higher.

Prerequisite(s): Accuplacer (must meet a score of 140) and English I, II, and III

Dual Credit | ENG 104 English Composition & Research

10089930
Grade 12 – Spring Semester

1.0 High School Credit
3.0 College Credits

This course teaches method, form and style for research writing in an academic setting with a focus on analyzing and responding to rhetorical situations, critical reading and response, and writing source-based arguments. This course satisfies the second half of the requirement for English IV.

Prerequisite(s): ENG 102 with a passing grade of 70% or higher and attendance in ENG 102 was within allowances.

Algebra I

2031
Grade 9

1.0 Credit

This course includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with factoring of polynomials; and solving simple quadratic equations. This course will provide students with the basic foundation of algebra skills, enabling them to advance to Geometry and Algebra II. This course satisfies one credit required for math.

Prerequisite(s): None

Geometry

2034
Grade 9-10

1.0 Credit

This course emphasizes an abstract, formal approach to the study of geometry and includes topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; rules of congruence, similarity, parallelism, and perpendicularity; circles and their parts such as finding area of a sector and arc lengths; and rules of angle measurement in triangles, including trigonometry, coordinate geometry, and transformational geometry. This course satisfies one credit required for math.

Note: With Department and Administrative approvals, Algebra I may be taken concurrently.

Prerequisite(s): Algebra I

Algebra II

2041
Grade 10-12

1.0 Credit

In this course students will use their prior knowledge from previous courses to learn and apply Algebra II skills. This course will include topics such as functions, radical functions, rational functions, exponential and logarithmic functions, trigonometry, geometry, conic sections, systems of equations, probability, and statistics. Students will apply the skills that they learn in this course to real world situations and learn the Common Core High School Standards for Mathematical Content and the Standards for Mathematical Practice. This course satisfies the requirements for Algebra II.

Prerequisite(s): Pass Algebra I and Geometry

AP Pre-Calculus

2053
Grade 11-12

1.0 Credit

Pre-Calculus weaves together previous study of Algebra, Geometry, and functions into a preparatory course for Calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; conic sections in the first semester. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers. This class is important for any student planning to take a college algebra or college pre-calculus class. This course satisfies one credit required for math.

Prerequisite(s): Algebra II

AP Calculus AB

2058
Grade 11-12

1.0 Credit

Advanced Placement Calculus AB explores the topics of limits/continuity, derivatives, and integrals. These ideas are examined using a multi-layered approach including the verbal, numerical, analytical, and graphical analysis of polynomial, rational, trigonometric, exponential, and logarithmic functions and their inverses. The student will be expected to relate the connections among these approaches. Students will also be required to synthesize knowledge of the topics of the course to solve applications that model physical, social and/or economic situations. These applications emphasize derivatives as rates of change, local linear approximations, optimizations and curve analysis, and integrals as Riemann sums, area of regions, volume of solids with known cross sections and average value of functions. As mandated by the College Board, graphing calculators will be required. This course satisfies one credit required for math.

Prerequisite(s): Pass Pre-Calculus

CB Financial Math

DL2097
Grade 11-12

1.0 High School Credit

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

New Mexico History

2717

0.5 Credit

Required for 2025-2028 Graduates

Students will explore New Mexico History from the global perspective of the human experience in NM starting with Territorial times and ending with the present. Students will acquire and use new critical thinking skills to interpret New Mexico history in a global and geographical context, make comparisons across cultures using primary sources and learn to recognize and discuss different historical frameworks. This course satisfies the requirement for New Mexico History.

***Will not be offered in-person after 2025

Prerequisite(s): None

World History & Geography

2706

1.0 Credit

Grade 10-12

Students will explore the history of humanity from the Renaissance (1400s) to the present. They will make a detailed study of Western Civilization and will also develop an understanding of the development of Africa, Asia and the Americas. Geography is an integral part of this class. This course satisfies the requirement for World History.

Prerequisite(s): None

AP World History

2755

1.0 Credit

Grade 10-12

Students will engage in a two-semester in depth study of Modern World History from 1200 CE to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Students will focus on developing critical and analytical thinking skills. This challenging course is meant to be the equivalent of a freshman level college course, and students that score a 3, 4 or 5 on the AP Exam can earn college credits.

***This course will fulfill the World History graduation requirement, and will be graded on a 5.0 scale (course will be rigorous). Students that take this course will be expected to sign up to take the AP World History Exam, and will be expected to devote considerable time outside of class to exam preparation. Students will register for the Exam in the Fall and take the test in May.

Prerequisite(s): Teacher recommendations.

United States History & Geography

2729
Grade 11

1.0 Credit

Students will explore United States History with a brief review of pre-colonial, expansion and consolidation of the colonies, the War for Independence, the establishment of our system of government, and historical progression through the Civil War. Students will then conduct an in-depth analysis of the social, economic, and political development of the United States from the Reconstruction period through the present. This course satisfies the requirement for United States History.

Prerequisite(s): None

AP United States History & Geography

2725
Grade 11

1.0 Credit

During this two- semester survey of American history, students will develop an understanding of American history from approximately 1491 to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Students will focus on critical and analytical thinking skills, essay writing, and interpretation of primary and secondary sources. This challenging course is meant to be the equivalent of a freshman college course and can earn students college credit. This course satisfies the requirement for United States History.

Prerequisite(s): Teacher recommendations.

United States Government

2730

0.5 Credit

Grade 12 (Graduating classes 2025-2028)

Students will explore the political and philosophical foundations of American Government, the study of the democratic process, and the role of citizens in our society. During this one semester course, students will also explore other government systems, the structure of New Mexico's state government, and the balance of power found in federalism. They will work with critical primary and secondary source documents to develop the foundation of their analysis. This course satisfies the requirement for Government.

Prerequisite(s): None

Economics

2741

0.5 Credit

Grade 12 (Graduating classes 2025-2028)

Students will study the concept of scarcity and how the existence of supply and demand affects diverse economic systems. They will analyze structures of the American free enterprise system; the role of government in the American economic system; the relationship of the American economic system to the other economic systems in the world; and consumer economics. This course satisfies the requirement for Economics.

Prerequisite(s): None

Earth and Space Science**1700**
Grades 9**1.0 Credit**

Earth and Space Science is an introductory course that includes topics that discuss the processes that move and shape the Earth, Earth's interactions with the solar system, gravitational forces and weather, the origin of the universe and the entities that are within the farthest reaches of space, along with additional topics as time allows. Students will continue to develop a deeper understanding of the processes of scientific inquiry and how these processes use evidence to support conclusions based on logical reasoning. Students investigate ways in which science and technologies combine to meet human needs and solve human problems. Students will trace the historical development of scientific theories and ideas, explore scientific theories and develop their scientific literacy to become knowledgeable citizens. This course satisfies a (non-lab) science credit requirement.

Prerequisite(s): None**Biology****1711**
Grades 10**1.0 Credit**

Students explore fundamental concepts of biology including physical laboratory and classroom work, which are enhanced with the integration of computers and the digital microscope. This course emphasizes the following topics: laboratory safety; cell structure, function and information processing; natural selection and evolution; microscope use; matter and energy in organisms in ecosystems; inheritance and variation; organic compounds; biological diversity and conservation; and interdependent relationships. This course satisfies a science (with lab) credit requirement.

Prerequisite(s): None**Chemistry****1721**
Grades 11-12**1.0 Credit**

Chemistry is designed to provide students with a general understanding of a range of the fundamental principles of chemistry and to introduce some of the main contributors throughout history. Laboratory investigations will be conducted in order to develop practical skills as well as to reinforce what was learned in the classroom. The use of basic math skills will be required to solve problems. Topics in this course include: laboratory safety; the mole concept; chemical equation, the gas laws; scientific method and measurement; ionic and covalent bonding; stoichiometry; acids and bases; electron configuration; drawing and naming molecules; limiting reactant and % yield; and oxidation-reduction reactions. This course satisfies a science (with lab) or career cluster credit requirement.

Prerequisite(s): Algebra I, Geometry, and two years of successful completion of high school science courses.**Anatomy & Physiology****1713**
Grades 11-12**1.0 Credit**

Anatomy and Physiology is designed to provide students with a basic understanding of the human body's structure and function. This course consists of learning the different systems in the human body, multiple laboratory investigations and dissecting. Students dissect a cat during the second semester and use their knowledge for comparative anatomy between a cat and a human body. This course satisfies a science (with lab) or career cluster credit requirement.

LAB FEES: \$35.00 - \$45.00 *(dependent on current cost of cats)***Prerequisite(s):** Passed Biology

AP Physics I**1735**
Grades 11-12**1.0 Credit**

In this AP College-Level course, the emphasis is on mathematical application, work and labs centered on concepts and advanced problems in: mechanics, wave motion, light and optics, thermal physics, electricity and magnetism, and modern physics. This course is designed to prepare students for the Physics 1 advanced placement test. This course satisfies a science (with lab) or career cluster credit requirement.

Prerequisite(s): Algebra I and two years of successful completion of high school science courses with a B or better. Chemistry and Physics recommended.

Environmental Science**1751**
Grades 11-12**1.0 Credit**

Environmental Science is an introductory, yearlong course designed to integrate and make connections to the four core disciplines of science - Physics, Earth Science, Chemistry and Biology. In this class there will be an emphasis on hands-on activities and laboratory exercises that will promote problem solving, refine laboratory procedure, and reinforce reading, writing and math skills. This course is designed as a comprehensive environmental science course with emphasis on fieldwork, data collection, and analysis. Students will investigate the natural environment (when applicable) and the interrelationships among the system in our natural world.

Prerequisite(s): None

Physical Education (PE I)
2305
Grades 9-12
1.0 Credit

In a coeducational setting, students participate in sports activities. Focus is on individual and dual type activities, and fitness testing. The course includes weekly classroom instruction of exercise, fitness, physiology, and weight room safety. Students will develop a personal fitness plan, study proper nutrition and fitness, and understand the difference between aerobic and anaerobic exercise as well as the benefits of resistance/strength training. This course satisfies the PE credit requirement.

Prerequisite(s): None

Athletics II - IV
3025
Grades 10-12
1.0 Credit

This course is designed to equip athletes with increased skill and strength development for participation in school-sponsored sports. Athletes must participate in at least one sport to be in the class and must be eligible to participate according to the guidelines of the New Mexico Activities Association, (i.e., at least a 2.0 GPA or better and no more than one failing grade). This course satisfies an elective credit only and does not replace the PE credit required for graduation.

Prerequisite(s): PE I or Athletics I

Fitness and Conditioning I - III
2314
Grades 10-12
1.0 Credit

An elective course designed for improvement of physical fitness, muscular strength, conditioning, flexibility, health and vitality. Agility, speed and coordination are emphasized. Activities will include: conditioning, weight room/ resistance training, and video workouts. This course satisfies an elective credit only and does not replace the PE credit required for graduation.

Prerequisite(s): PE I ****Class is contingent on numbers

Athletics I
Grades 9
1.0 Credit

This course is designed to equip 9th grade athletes with increased skill and strength development for participation in school-sponsored sports. Athletes must have participated in two middle school sports and participate in at least two sport to remain in the class and must be eligible to participate according to the guidelines of the New Mexico Activities Association, (i.e., at least a 2.0 GPA or better and no more than one failing grade). This course satisfies an elective credit only and does not replace the PE credit required for graduation.

Prerequisite(s): Participated in two middle school sports

Spanish I

1252
Grades 9-12)

1.0 Credit

This introductory course helps students learn Spanish and culture through the development of listening, speaking, reading, and writing skills. Emphasis is on pronunciation, basic grammatical structures, cultural similarities and differences, and the importance of Spanish in careers. The components of Spanish Language Arts — listening, speaking, reading comprehension, research, vocabulary, writing and application — are addressed. Consistent daily study outside of class is required for proficiency. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): None

Spanish II

1253
Grades 9-12

1.0 Credit

Spanish II, taught in Spanish and decreasing English, continues to develop the student's communicative skills and capability in Spanish. There is wider use of Spanish and Spanish culture, not only in classroom management and teaching concepts, but also in student performance. Emphasis is on sustained communication, oral and written, leading to demonstrative, expository and speaking to satisfy communication skills requirements. Appreciation of cultures of Spanish-speaking countries is enhanced. The components of Spanish Language Arts — listening, speaking, reading comprehension, research, vocabulary, writing and application — are enhanced. Consistent daily study outside of class is required for proficiency. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): Spanish I

Spanish III

1254
Grades 10-12

1.0 Credit

This course further refines, reinforces, and develops the skill and cultural awareness previously acquired in the first two levels of Spanish study. Students will explore the Hispanic/World cultures through articles, short stories, documentaries and other forms of literature dominant in the target language. The importance of Spanish Language in real world scenarios is emphasized. The course enhances capabilities in reading, writing, researching, speaking and listening in Spanish, while broadening the cultural awareness. Study of articles, short stories, documentaries and other forms of literature helps integrate upper-level grammar and literary concepts. Consistent daily study outside of class is required for proficiency. This course satisfies a career cluster or elective credit requirement, and completion of Spanish III will satisfy college prep requirement.

Prerequisite(s): Spanish II with a minimum grade of a B

Spanish IV

1255
Grades 10-12

1.0 Credit

Spanish IV is intended for students who wish to apply their proficiency in all four language skills: listening, speaking, reading, and writing. This course is comparable to a sixth or fifth semester college course and encompasses oral skills, reading comprehension, grammar, composition and culture. Students who enroll in this course should have already attained knowledge of the language and culture of Spanish-speaking people and should have a reasonable proficiency in listening comprehension, successfully completed Spanish I, II, and III. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): Spanish III with a minimum grade of a B and recommendation is required.

Dual Credit | SPAN 1101
Beginning Spanish1299901
Grade 121.0 High School Credit
3.0 College Elective Credits

This course meets a high school elective credit requirement and can earn three college level elective credits.

Prerequisite(s): Accuplacer Math Score of 80 or higher

Introduction to Agriculture

0133
Grades 9-12

1.0 Credit

Students learn the local, national, and global definitions, history, and scope of agriculture in society in this course. They also study plant and animal sciences, production and processing; agricultural mechanics, including tool and machine operation; business and natural resource management; management of food and fiber systems; soil characteristics, formation and properties; and development of leadership and communication skills through the National FFA Organization. This course is recommended for all 9th Grade FFA students. This course satisfies a practical arts, career cluster, or elective credit requirement.

Prerequisite(s): None

Agriculture Leadership & Communication

0137
Grades 11-12

1.0 Credit

This course is designed to strengthen students' personal and group leadership skills. Students learn public speaking, effective communication, human relations, parliamentary law, and group dynamics. They also understand the development of FFA Chapter Program of Activities, including student development, chapter development, and community development. This course satisfies a practical arts, career cluster, or elective credit requirement.

Prerequisite(s): Intro to Agriculture or Agriculture Mechanics

Applied Science in Agriculture

0136
Grades 10-12

1.0 Credit

Specific subject matter covered in this course includes current issues relevant to the agricultural industry, marketing and sales techniques. Disease and parasites affecting the various breeds of livestock; Animal welfare and relationship to the human environment; May include the horticultural practices of greenhouse management; fruit, nut and vegetable production; and landscaping principles; Forest fire prevention and techniques, public and private land forests; Wildlife mammals, waterfowl, freshwater fish, and game management.

Prerequisite(s): Intro to Agriculture or Agriculture Mechanics

Agriculture Internship

0191
Grade 12

1.0 Credit

Through this course, work experience is gained within the agricultural industry with first preference being on the District Ag farm. Goals are set for the period of the internship. Classroom experience may involve further study in the field, improvement of employability and career readiness skills. This course satisfies a practical arts, career cluster, or elective credit.

Prerequisite(s): Intro to Agriculture or Agriculture Mechanics

Dual Credit | AG 221 Horticulture

01417001
Grade 10-12

1.0 High School Credit
3.0 College Elective Credits

The focus of this course is on the science of plants (botany). Specific topics include photosynthesis and respiration, analysis of the difference between plant and animal cell structure, genetics, taxonomy and classification. Also included are topics covering entomology, soil chemistry, and plant diseases; virus and bacteria life cycles and effects on plant growth. Focus is on horticultural crops including greenhouse, landscape and floral plants. This course satisfies a half a credit for practical arts, career cluster, or an elective. *This is a Semester 1 course taken in conjunction with Crop Science in Semester 2. Horticulture/Crop Science courses will be offered in alternating years with Animal Science/Dairy Management courses.

Prerequisite(s): Intro to Agriculture or Agriculture Mechanics

Dual Credit | 0142 Crop Science

0142
Grades 10-12

1.0 High School Credit
3.0 College Elective Credits

Introduction to the major food, feed fiber and specialty crops grown in New Mexico and the US. Emphasis on biology, physiology, genetics, culture and management. This course satisfies a half a credit for practical arts, career cluster, or an elective. *This is a Semester 2 course taken in conjunction with Horticulture in Semester 1. Horticulture/Crop Science courses will be offered in alternating years with Animal Science/Dairy Management courses.

Prerequisite(s): Intro to Agriculture or Agriculture Mechanics

Dual Credit | AG 101 Animal Science

01617002
Grade 10-12

1.0 High School Credit
3.0 College Elective Credits

Course imparts information about the care and management of domesticated animals. Animal nutrition, health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated animals. Examination of developmental stages and analysis of feed ration for different parts of an animal's life cycle. Identification of environmental factors that affect an animal's performance, and recognition of animal behaviors to facilitate working with animals safely. This course satisfies a half a credit for practical arts, career cluster, or an elective.

*This is a Semester 1 course taken in conjunction with Dairy Management in Semester 2. Animal Science/Dairy Management courses will be offered in alternating years with Horticulture/Crop Science courses.

Prerequisite(s): Intro to Agriculture or Agriculture Mechanics

Dual Credit | AG 102 Dairy Management

01747004
Grade 10-12

1.0 High School Credit
3.0 College Elective Credits

Course imparts the knowledge and skill needed to bring animal products to market. Processing topics will include quality selection and preservation, equipment care and sanitation, government regulations, and consumer trends. Animal processing courses may impart an overview of several types of animal products, or may specialize in particular products, such as meat, leather, wool, and dairy products. This course satisfies a half a credit for practical arts, career cluster, or an elective.

*This is a Semester 2 course taken in conjunction with Animal Science in Semester 1. Animal Science/Dairy Management courses will be offered in alternating years with Horticulture/Crop Science courses.

Prerequisite(s): Intro to Agriculture or Agriculture Mechanics

Metal Fabrication for Agriculture

0153
Grade 10-12

1.0 Credit

Topics include oxyacetylene and mig welding techniques including cutting, brazing, and welding. Fabrication techniques and project design including estimating and developing materials list. Tool room management and safety procedures are essential to the course. This course satisfies practical arts, career cluster, or elective credit requirement.

FEES: Mandatory class fee is \$20.

Prerequisite(s): None

Introduction to Agriculture Mechanics

0151
Grade 10-12

1.0 Credit

Course provides for the skill and knowledge development applicable to the tools and equipment used in the agricultural industry. In learning to apply basic industrial knowledge and skills (engines, power, welding, and carpentry), a broad range of topics may be explored, including the operation, mechanics, and care of tools and machines; the construction and repair of structures; introduction to electricity and power. Procedures for safe operations in the agricultural mechanics laboratory are included in this course. This course satisfies practical arts, career cluster, or elective credit requirement.

FEES: Mandatory class fee is \$20.

Prerequisite(s): None

Aviation/Drone Technology

0901 1.0 Credit
Grades 9-12

This course provides a rigorous foundation in aviation science and principles. Using the AOPA curriculum, students will explore topics such as aerodynamics, meteorology, navigation, and aircraft systems. Students will develop critical thinking and problem-solving skills essential for success in aviation-related fields.

Prerequisite(s): None

Aviation/Drone Technology II

0901 1.0 Credit
Grades 10-12

This course provides a rigorous foundation in aviation science and principles. Using the AOPA curriculum, students will explore forces of flight, aircraft systems, and aircraft performance. Students will develop critical thinking and problem-solving skills essential for success in aviation-related fields.

Prerequisite(s): Completion of Aviation I with a B or better

Computer Science & Programming

0901 1.0 Credit
Grades 9-12

This course provides a comprehensive introduction to computer science concepts and programming fundamentals. Students will dive into an exploration of web development, graphic design, and mechanical programming, algorithms, data structures, and programming languages using Skill Struck software. Through hands-on projects and collaborative activities, students will develop computational thinking skills and gain a foundation for further study in computer science.

Prerequisite(s): None

General Robotics

0901 1.0 Credit
Grades 9-12

This course provides a comprehensive introduction to the principles of robotics, including mechanical design, electrical systems, and programming. Students will learn about sensors, actuators, and control systems, developing a foundation for advanced robotics studies.

Prerequisite(s): None

Advanced Robotics

0901 1.0 Credit
Grades 10-12

Designed for experienced robotics students, this course emphasizes collaborative engineering and advanced problem-solving within the context of competitive robotics. Teams will work to optimize robot performance, develop complex algorithms, and refine their competitive strategies to excel in regional and national competitions.

Prerequisite(s): Completion of General Robotics, participation in MHS MESA and Robotics competitions is strongly encouraged.

Computer Science & Programming II

0901
Grades 10-12

1.0 Credit

Building upon the foundational principles introduced in Level 1, this course delves deeper into advanced computer science concepts and programming methodologies. Students will explore complex algorithms, data structures, and object-oriented programming paradigms, utilizing Skill Struck software to implement sophisticated projects. Emphasis will be placed on developing robust problem-solving skills, code optimization, and collaborative software development practices, preparing students for advanced studies and careers in computer science.

Prerequisite(s): Must have passed Programming I with a B or higher

Power Auto I

0901
Grades 9-12

1.0 Credit

Course primarily intended as a personal automobile technician course, but also designed for students exploring future careers in automotive technologies. Introduction to Automobiles courses offer an introduction to the various mechanical systems in automobiles and basic experience in maintenance tasks. The course may also cover career opportunities in the auto and/or transportation field. This course satisfies practical arts, career cluster, or elective credit requirement.

FEES: \$20 Lab Fee

Prerequisite(s): None

Power Auto II - IV

0912
Grades 10-12

1.0 Credit

Course emphasizes the diagnosis and repair of automobile engines and support systems such as brakes, cooling, drivetrains, electrical/electronics components, emission, fuel, ignition, steering, suspension, and transmissions. The comprehension and use of repair manuals, safety, and employability skills (including shop management and entrepreneurship) are often included as course topics. This course satisfies practical arts, career cluster, or elective credit requirement.

FEES: \$20 Lab Fee

Prerequisite(s): Power Auto I

Woods Technology I - IV

0417
Grades 9-12

1.0 Credit

Courses introduce students to the various kinds of woods used in industry, and offer experience in using selected woodworking tools. Student's design and construct one or more projects, and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance within Woodworking classes, they focus on learning the nomenclature of power tools, developing skills to safely use these tools in the workshop, and becoming familiar with various kinds of wood finishing materials. Advanced students typically design a project; prepare bills of materials, construct, and finish proposed projects.

FEES: \$20 - \$25 Lab Fee *(dependent on cost of project)*

Prerequisite(s): None

DC CAD Design & Software S1 & DC Drafting Architectural S2

0707
Grade 10-12

1.0 Credit

Courses are usually offered as a sequence of courses, introducing students to the technical craft of drawing illustrations to represent and/or analyze design specifications, and then refine the skills necessary for this craft. Drafting-General courses use exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, multi-view projections, and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives. This course satisfies practical arts, career cluster, or elective credit requirements.

Prerequisite(s): See CNM Course Catalog

Dual Credit | CARP 1005 Carpentry Blueprint Reading

07129250
Grade 10-12

1.3 High School Credit
4.0 College Elective Credits

Includes lumber sizing, scaling, centering and triangle theory, interpretation of elevations drawings, floor plans, symbols, notations, dimensions and structural information. This course satisfies practical arts, career cluster, or elective credit requirements.

Prerequisite(s): See CNM Course Catalog

Dual Credit | CARP 1320 Fundamentals of Carpentry

04149250
Grade 10-12

1.0 High School Credit
3.0 College Elective Credits

Includes safety and use of hand and power tools. Students design a project, generate an estimate and bill of materials, and build and complete the project. This course satisfies practical arts, career cluster, or elective credit requirements.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | CARP 1305
Furniture Making****04039250
Grade 11-12****1.0 High School Credit
3.0 College Elective Credits**

Includes fundamental design and construction of simple furniture including safety and use of hand and power tools. Students will design and construct a furniture project. This course is offered in the fall semester and meets during a two-period block. The course satisfies practical arts, career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | CARP 1315
Cabinet Making****04039250
Grade 11-12****1.0 High School Credit
3.0 College Elective Credits**

Fundamentals of cabinet construction. Emphasis is on safety and use of tools. European construction is emphasized. This course is offered in the spring semester and meets during a two-period block. The course satisfies practical arts, career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | CARP 1692
Advanced Furniture Making****04169250
Grade 10-12****0.66 High School Credit
2.0 College Elective Credits**

Covers advanced design and construction of simple furniture including safety and use of hand and power tools. Includes designing and constructing a furniture project. This course satisfies practical arts, career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | CARP 1892
Spanish Colonial Furniture
Making****04169250
Grade 10-12****0.66 High School Credit
2.0 College Elective Credits**

Students will learn basic joinery, hand carving and popular colonial furniture making techniques common to Spanish colonial furniture; includes designing and constructing a furniture project. This course satisfies practical arts, career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | OSH 2006
Occupational Safety for
Construction I (OSHA)****25039600
Grade 10-12****0.33 High School Credit
1.0 College Elective Credit**

Introduces students to OSHA policies, procedures and standards, construction safety and health principles. The scope and application of the OSHA Construction Safety Standard will be addressed with emphasis on high hazard areas. Students successfully completing the course will receive a Department of Labor card acknowledging completion of the 10-hour awareness course for 29 CFR 1926. This is an online course that will provide an OSHA certificate upon completion. This course satisfies practical arts, career cluster, or elective credit requirement.

FEES: \$25.00

Prerequisite(s): None

Welding**0153
Grade 10-12****1.0 Credit**

Topics include oxyacetylene and mig welding technique including cutting, brazing, and welding. Fabrication techniques and project design including estimating and developing materials list. Tool room management and safety procedures are essential to the course. This course satisfies practical arts, career cluster, or elective credit requirement.

Prerequisite(s): None

**Dual Credit | WELD 1005
Welding Blueprint Reading I**07139200
Grade 10-12**0.66 High School Credit**
2.0 College Elective Credits

Covers detail and fabrication drawing interpretation, welding symbols and terminology as applied to the welding industry. This course satisfies a career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | WELD 1050
Oxyacetylene Welding & Cutting**24159222
Grade 10-12**0.66 High School Credit**
2.0 College Elective Credits

Presents safety and use of oxyacetylene equipment. Provides training in thermal cutting torches, fusion welding, welding of alloys and general all-position welding. This course satisfies a career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | WELD 1030
Welding Math**24159222
Grade 10-12**1.0 High School Credit**
3.0 College Elective Credits

Provides instruction in area, perimeter and volumes of common structural shapes and common layout techniques supported with mathematical applications. This course satisfies a career cluster, or elective credit requirement and *does not* meet requirements for high school math credit.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | WELD 1150
Intro to Shielded Metal
Arc Welding (SMAW)**24159222
Grade 10-12**0.66 High School Credit**
2.0 College Elective Credits

Covers topics in shielded metal-arc welding (SMAW) safety, basic fabrication and repair and customer relations. This course satisfies a career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | WELD 1250
Intro to Gas Tungsten
Arc Welding (GTAW)**24159222
Grade 10-12**0.66 High School Credit**
2.0 College Elective Credits

Emphasizes application of safety and gas tungsten arc welding (GTAW) on carbon steel. Fabrication and repairs are stressed. Customer billing techniques are introduced. This course satisfies a career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

**Dual Credit | WELD 1350
Intro to Gas Metal
Arc Welding (GMAW)**24159222
Grade 10-12**0.66 High School Credit**
2.0 College Elective Credits

Covers gas metal arc welding (GMAW) safety techniques. Fabrication and repairs are assigned. Teamwork is stressed. This course satisfies a career cluster, or elective credit requirement.

Prerequisite(s): See CNM Course Catalog

Drawing & Painting I

1150
Grade 9-12

1.0 Credit

Students in this course learn the elements and principles of design as well as color theory. Students will explore a wide range of art materials: pencil, charcoal, oil & chalk pastel, scratch board, watercolor painting, and acrylic painting. Students also learn how to critique artwork through verbal and written responses to classmates' artwork. Students will learn about art history and art styles from various cultures. Students will learn Students are required to participate in school and community art shows. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Materials Fee

Prerequisite(s): None

Drawing & Painting II

1162
Grade 10-12

1.0 Credit

Students in this course will continue to learn how to apply the elements and principles of design in their artwork. Students will learn how to solve artistic problems and create artistic challenges for themselves. Students utilize the knowledge and skills gained in Drawing & Painting I to improve and refine their technical skills. Students will learn about art history and art styles from various cultures. Artwork created in class will be still life, landscapes, cityscapes, portraits, fantasy, cartoons, and abstract drawings and paintings. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Materials Fee

Prerequisite(s): Drawing & Painting I

AP Studio Art

1158
Grade 11-12

1.0 Credit

Advanced Placement Studio Art is a portfolio-based class. The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. The AP Studio Art program consists of three portfolios-2-D Design, 3-D Design, and Drawing-corresponding to common college foundation courses. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20.00 Lab Fee

Prerequisite(s): Teacher Recommendation

Drawing & Painting III

1162
Grade 11-12

1.0 Credit

Students in this course continue to learn how to improve their artistic knowledge and skills learned in Drawing and Painting I & II. Focus will be on self-discovery and communicating their ideas through their artwork. Students will begin to learn how to utilize and create their own artistic style through various styles and subjects. Large format drawings and paintings will be created in the form of still life, landscapes, cityscapes, portraits, fantasy, cartoons, and abstract drawings and paintings. Students will learn how to critique their own artwork and others through presentation and writing. Students are required to participate in school and community art shows. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Materials Fee

Prerequisite(s): Drawing & Painting II

Drawing & Painting Advanced

1162
Grade 10-12

1.0 Credit

Students in this course continue to learn how to improve their artistic knowledge and skills learned in Drawing and Painting I & II. Focus will be on self discovery and communicating their ideas through their artwork. Students will begin to learn how to utilize and create their own artistic style through various styles and subjects. Large format drawings and paintings will be created in the form of still life, landscapes, cityscapes, portraits, fantasy, cartoons, and abstract drawings and paintings. Students will learn how to critique their own artwork and others through presentation and writing. Students are required to participate in school and community art shows. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Materials Fee

Prerequisite(s): Teacher Recommendation

Ceramics I**1163**
Grade 9-12**1.0 Credit**

Students in this basic course learn skills and techniques in handling raw clay and receive an introduction to hand building using pinch, coil and slab methods as well as the electric potter's wheel, glaze application, kiln types and firing methods, and the effect of heat on the molecular structure of clay and glazes. Written and research obligations occur weekly and will cover clay origins in nature and history with emphasis on New Mexico Native Americans. One major research paper in the form of a presentation can be expected. Other written assignments will include self-evaluations using the guidelines set by the Language Arts Department. Students will exhibit skills learned by participating in school art shows with other optional community events. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Materials Fee**Prerequisite(s):** None**Ceramics II****1164**
Grade 10-12**1.0 Credit**

Students in this course learn to focus skills acquired in Ceramics I on both hand building and wheel techniques increasing crafting and technical skills and to create meaning through their art. Functional projects will be analyzed as to their use to make them more functional. Historical pieces will be duplicated in regards to form, function and decoration using the original techniques as they are available. Students will become familiar with kiln loading, firing, and the structure of electric kilns. Students will learn by application how to keep a ceramic studio running in regards to glaze inventory, tool and material upkeep and inventory, etc. Written and research obligations occur weekly and will cover clay origins in nature and history with emphasis on New Mexico Native Americans. One major research paper in the form of a presentation can be expected. Upper level students will help create a rubric for grading. Other written assignments will include self-evaluations using the guidelines set by the Language Arts Department. Students will exhibit skill learned by participating in school art shows and other community events with optional state art shows and competitions. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Materials Fee**Prerequisite(s):** Ceramics I**Ceramics III****1164**
Grade 11-12**1.0 Credit**

Students in this course learn to improve their skills in working with clay acquired in Ceramics I and II on both hand building and wheel techniques increasing crafting and technical skills, and to create meaning through their art. Functional projects will be analyzed as to their use to make them more functional. Historical styles, trends & cultural influences in ceramic art will be explored. Students will become familiar with kiln loading, firing, and the structure of electric kilns. Students will learn by application how to keep a ceramic studio running in regards to glaze inventory, tool and material upkeep and inventory, etc. Written and research obligations occur weekly and will cover clay origins in nature and history. One major research paper in the form of a presentation can be expected. Upper level students will help create a rubric for grading. Other written assignments will include self-evaluations using the guidelines set by the Language Arts Department. Students will exhibit skills learned by participating in school, community and state art shows and competitions. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Materials Fee**Prerequisite(s):** Ceramics I and Ceramics II**Ceramics Advanced****1164**
Grade 12**1.0 Credit**

Students in this course develop a professional portfolio of artwork; prepare for scholarship application; and enter state and national contests in visual arts and show work professionally on local, state, and national levels. Students will learn by application how to keep a ceramic studio running in regards to glaze inventory, tool and material upkeep and inventory, etc. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Materials Fee**Prerequisite(s):** Ceramics III and Teacher Recommendation

Drama I - Intro to Theater**1111**
Grade 9-12**1.0 Credit**

This class is designed for students interested in finding out about the way that theatre artists express themselves. The class teaches acting, directing, playwriting, design, and the technical elements of theatre in a way that the student will see how a production is put together through the many different viewpoints of theatre artists. Students will also be exposed to modern and classical plays. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20.00 Lab Fee**Prerequisite(s):** None**Drama II - Performance****1112**
Grade 10-12**1.0 Credit**

In this class acting, directing, and playwriting are studied in a more advanced course. Topics include: audition techniques, acting theory, modern and classical styles of performance, directing techniques, storytelling, and the steps needed to become a professional performer. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20.00 Lab Fee**Prerequisite(s):** Drama I**Drama III - Performance****1113**
Grade 11-12**1.0 Credit**

This class is designed for students interested in going deeper into the realm of theater. The class teaches and develops the methods of acting, compares other art mediums to the theater, and includes community performance and contribution. Students will hone their skills as playwrights and directors; writing, designing and producing their own and peer-created works. Students are expected to contribute and participate with rigor and passion. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20.00 Lab Fee**Prerequisite(s):** Drama II**Drama Advanced****1113**
Grade 12**1.0 Credit**

This class is designed for students interested in going deeper into the realm of theater. The class teaches and develops the methods of acting, compares other art mediums to the theater, and includes community performance and contribution. Students will hone their skills as playwrights and directors; writing, designing and producing their own and peer-created works. Students are expected to contribute and participate with rigor and passion. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20.00 Lab Fee**Prerequisite(s):** Drama III

Advanced Chorus I - IV**1130**
Grade 9-12**1.0 Credit**

This class is available to young women who enjoy singing. Previous choral singing experience and a successful audition are required. This is a developing-level choir class for women in grades 9-12. Students perform in many styles of music, learn how to read and notate music and learn basic group choral technique. Choir provides an atmosphere for each student to successfully participate in a fulfilling musical experience on both a personal and ensemble level, while preparing and performing quality choral literature for young women's voices. Participation in this ensemble readies the student for advancement to one of the auditioned choirs. Students participate in fundraising opportunities throughout the year. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$30.00 Course Fee**Prerequisite(s):** Vocal Auditions with Director

**Messengers Choir -
Advanced Choir I - IV****1131**
Grade 10-12**1.0 Credit**

Previous choral singing experience and a successful audition are required. This is an Advanced-Artist level choir for young men and women in grades 10-12. Students perform many styles of music, gain more advanced music reading and choral technique skills, and are expected to be present at evening choir concerts several times per year. Some rehearsals take place outside of the school day and are part of the student's grade in the class. Travel may also be available. NMAA requirements for eligibility based on academics will be strongly enforced. Students participate in fundraising opportunities throughout the year for any additional expenses that will arise which are dependent on the choir's activities and travel plans. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$100.00 Course Fee**Prerequisite(s):** Vocal Auditions with Director

Concert Band I - IV**1122**
Grade 9-12**1.0 Credit**

Open to any high school student with band instrument experience. Students must provide their own instrument unless prior arrangements are made with the director. Students perform popular music at fall football games and assemblies. During the spring semester students explore early Baroque to Modern band music styles. The Concert Band has an extensive performance and competition schedule. Students are expected to contribute funds for any special trips, camps or out-of-state competitions. This class is a traditional concert ensemble, reviewing and perfecting the techniques associated with woodwind, brass, and percussion performance. Performances/rehearsals outside of class time are required as a part of the curriculum. Concurrent enrollment with Marching Band is required during the fall semester. This course satisfies a fine art, career cluster, or elective credit requirement.

Prerequisite(s): None**Jazz Ensemble I - IV****1125**
Grade 9-12**1.0 Credit**

An advanced course in which students rehearse and study jazz history and perform jazz and other contemporary music styles. Improvisational skills are developed. Enrollment is limited to the basic jazz ensemble instruments: trumpet, trombone, saxophone, piano, electric guitar, bass guitar, and drum set. The class performs at a number of local social gatherings as well as competitions. Jazz ensemble meets 0 hour during the spring semester. Performances/rehearsals outside of class time are required as a part of the curriculum. This course satisfies a fine art, career cluster, or elective credit requirement.

Prerequisite(s): Teacher approval and audition**Marching Band I - IV****1123**
Grade 9-12**1.0 Credit**

Open to any high school student with band instrument experience or interest in dance/color guard. The MHS Pinto Pride is a competitive band, which utilizes standard band instrumentation and performs at numerous civic functions, athletic events and state competitions. During the fall semester the "Pride" focuses on field show and parade performances and competitions. While every effort is made to provide transportation through car pools or ride sharing, students are ultimately responsible for transportation to class. Performances/rehearsals outside of class time are required as a part of the curriculum. Concurrent enrollment with Concert Band is required during the fall semester. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: Band Fee up to \$85
(depending on rental equipment needed)

Prerequisite(s): Teacher recommendation required**Piano Class I - IV****1127**
Grade 9-12**1.0 Credit**

No prior piano skill is required. Students will learn basic piano technique and will be at an intermediate piano skill level after the first year in Piano Class. Members of the class play solos as well as class ensembles. The difficulty of the music is dependent upon the individual skill level of the piano student. Students who have had several years of piano instruction may also take the class. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Course Fee**Prerequisite(s):** None

Beginning Guitar I & II**1128**
Grade 9-12**1.0 Credit**

Beginning guitar class is for those of little or no experience playing the guitar. Students will be taught the fundamentals of guitar technique and music reading, chords and strumming, improvising with scales over chord progressions, and performing as an ensemble or as a soloist. Students who qualify will be encouraged to perform in the District Honor Guitar Ensemble and/or the Solo and Ensemble Festival. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Course Fee**Prerequisite(s):** None**Intermediate Guitar I, II, & III****1128/1133/1133**
Grade 9-12**1.0 Credit**

Intermediate guitar is for those who have completed beginning guitar and wish to continue advancing on the instrument. Students entering this class must possess a firm foundation of classical guitar technique and music reading in the first position. Students will advance their playing skills and learn to read in more difficult time/key signatures, read more difficult rhythms, and read notes beyond the seventh position. Ensemble performances at fall and spring concerts are required. Students who qualify will be encouraged to participate in District Honor Guitar Ensemble, Solo and Ensemble Festival, and audition to All-State Festival. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Course Fee**Prerequisite(s):** Audition and Instructor Approval**Advanced Guitar I, II, III, & IV****1133**
Grade 9-12**1.0 Credit**

Advanced guitar is a very high level performing ensemble. Students will be required to perform for fall, spring, and holiday concerts, fundraising events, and recruitment tours. In addition to ensemble performances Advanced Guitar students will be required to audition for All-State, and must complete several performance or research based requirements within the year. These may include Solo and Ensemble, District Honor Ensemble, performance in the All-State Guitar Ensemble after advancing from audition, performance of a solo or small ensemble at a school concert, audition to acceptance at a University/Conservatory, or other performances within the community. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$40 Course Fee**Prerequisite(s):** Audition and Instructor Approval**AP Music Theory****1142**
Grade 11-12**1.0 Credit**

The purpose of the AP Music Theory course is to prepare the student to take the AP Music Theory Exam in May. At the end of this course, the student will be able to identify and describe music terminology related to rhythm, melody, harmony, and form. The student will gain an ability to notate music legibly, compose, and analyze their work and the work of others, and identify and discriminate between a wide-range of musical concepts by ear through aural training. This course satisfies a fine art, career cluster, or elective credit requirement.

FEES: \$20 Course Fee**Prerequisite(s):** Recommendation required and students must be able to read standard musical notation

**Leadership Education Training I
(JROTC 1)**

2111 **1.0 Credit**
Grade 9-12

First year cadets receive basic instruction in American citizenship, techniques of communication, leadership development, physical fitness, drill and ceremonies, first aid and health, map reading, history, the US Constitution, and marksmanship safety. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): None

**Leadership Education Training II
(JROTC 2)**

2112 **1.0 Credit**
Grade 10-12

Second year cadets receive intermediate instruction in those subjects taught in LET 1, plus additional subjects such as technology awareness and career opportunities. Studies also include work on personality types, conflict resolution, and role-playing in a range of situations. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): JROTC 1 and recommendation memo signed by the Senior Army Instructor

**Leadership Education Training III
(JROTC 3)**

2112 **1.0 Credit**
Grade 11-12

Third year cadets greatly intensify training in those subjects taught in LET 1 and LET 2. Much emphasis is placed on applied problem solving and methods of instruction. Classes include work on critical thinking and multiple intelligences. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): JROTC 1, JROTC 2 and recommendation memo signed by the Senior Army Instructor

**Leadership Education Training IV
(JROTC 4)**

2112 **1.0 Credit**
Grade 12

Primary emphasis for LET 4 is placed on the practical application of the cadet's leadership duties and responsibilities within the cadet battalion. Therefore, the LET 4 year is structured to allow cadets to perform their assigned command or staff duties and act as a class instructor or assistant class instructor for selected subjects. Academic instruction for LET 4 consists of self-paced study, suggested readings, seminars, vignettes, case studies, and special assignments. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): JROTC 1, JROTC 2, JROTC 3, and recommendation memo signed by the Senior Army Instructor

JROTC Skills I - III

2121 **1.0 Credit**
Grade 10-12

This course prepares cadets for participation in competitive events throughout the school year. Cadets can join the Armed Drill Team, Unarmed Drill Team, Color Guard Team or Marksmanship Team. Cadets qualified to join the Raiders focus on physical fitness, marksmanship and orienteering (map reading). Participants must participate at non-competitive events such as assemblies, local community activities and home athletic contests. Performances & practices outside of school time may be required as part of the curriculum. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): Successful completion of LET 1 and recommendation memo signed by the Senior Army Instructor

**National History Day Project
I, II, III, & IV****2796**
Grades 9-12**1.0 Credit**

Students will explore a historic topic of their choosing based on an annual theme during this rigorous, year-long, project based course. They will develop collegiate level research, writing, communication and presentation skills as they create their required entry for the regional and, if they qualify, state level competitions. Students may work as an individual or in a group and there are nine possible competition categories to choose from. Students who qualify for the National level will advance to the competition held in Washington DC. This course satisfies an elective credit only and does not replace a history credit required for graduation.

FEES: Students are responsible for all materials and costs used to construct projects, as well as competition registration and travel costs. Amounts vary. Regional fees \$25, State fees \$30, Nationals trip fees estimated \$850. Students incur the costs for the creation of their entry. Fundraising opportunities will be available throughout the year for competition fees and for any additional expenses that will arise.

Prerequisite(s): Student application, teacher and parent approval

Yearbook I - III**1903**
Grade 10-12**1.0 Credit**

This course prepares cadets for participation in competitive events throughout the school year. Cadets can join the Armed Drill Team, Unarmed Drill Team, Color Guard Team or Marksmanship Team. Cadets qualified to join the Raiders focus on physical fitness, marksmanship and orienteering (map reading). Participants must participate at non-competitive events such as assemblies, local community activities and home athletic contests. Performances & practices outside of school time may be required as part of the curriculum. This course satisfies a practical art, career cluster, or elective credit requirement.

Prerequisite(s): English 1, computer skills, (2) teacher recommendations (one of which must be from a former English teacher), and formal interview with yearbook advisor. Student application must be submitted and approved before the end of the preceding school year. Student contact required prior to registration

CB Health**1401**
Grade 9-12**0.5 Credit**

Course topics include: community health, consumer health disease prevention and control, environmental health, injury prevention and safety, mental and emotional health, nutrition, personal health, physical and social development, HIV-AIDS, and substance use and abuse. **This health elective credit is required for graduation.** (This course is also offered at MESD schools for high school credit in 8th grade.)

Prerequisite(s): None

Driver's Education**0817**
Grade 9-12**0.5 Credit**

Students receive 56 hours of classroom instruction (including a DWI component) and students obtain a learner's permit at the age of 15, which requires a licensed adult in the vehicle. Completion of the course qualifies a student for an official driver's license at the age of 15 and discounts on car insurance. This course satisfies half a career cluster or elective credit requirement. **ATTENDANCE IS REQUIRED IN THIS COURSE. STUDENTS CANNOT MISS MORE THAN 10 DAYS EXCUSED OR UNEXCUSED**

Prerequisite(s): **Must be 14 years and 6 months of age at the time the course begins.**

Student Aide**0821**
Grade 11-12**1.0 Credit**

This course offers students an opportunity to assist in the classroom. Students may do any or all of the following: filing/data management, setting up subject activities, tutoring, research, and running errands. Juniors and seniors can only have one credit of Student Aide. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): Signed student contract, administrative approval, departmental curriculum on file for Aide credit

Tutoring Practicum

0831
Grade 11-12

1.0 Credit

Students have the opportunity to offer tutorial assistance to their peers or younger students. Students will work directly under a teacher and will assist others who are in need of help. This course satisfies a career cluster or elective credit requirement.

Prerequisite(s): Agreement from the teacher with whom the student will work

Service Learning

(Work-Based Learning)

2212
Grade 11-12

1.0 Credit

This course provides students the opportunity to practice and learn the necessary components of a productive and successful career: technical knowledge, responsible and ethical behavior, and goal setting. In addition to working the required hours, students are required to produce a portfolio to receive credit. Work experience programs are available through the Career and Technical Education Programs. This is a project-based, hands-on course designed to give MHS students the opportunity to learn important public relations, communication and research skills while learning the importance of civic responsibility by giving selflessly to their school and community. Service Learning is an opportunity for students to learn critical skills through project development, implementation, and reflection. By participating in high quality service learning experiences, students learn the invaluable skill of being able to organize information, resources, and people in order to improve the community.

Prerequisite(s): Recommendation required, signed student contract and administrative approval, pay-stubs will be turned in bi-weekly.

