EAST MOUNTAIN HIGH SCHOOL

COURSE CATALOG

24-25

EMHS
25 La Madera Rd.
P.O. Box 340
Sandia Park, NM 87047

505.281.7400 (phone)
505.281.4173 (fax)
www.eastmountainhigh.net
info@eastmountainhigh.net

TABLE OF CONTENTS

EAST MOUNTAIN HIGH SCHOOL

OUR MISSION

A safe, innovative environment,
EMHS engages a diverse community of learners
through transformative experiences
and creative problem-solving
to shape forward-thinking leaders.

OUR CORE VALUES

- Curiosity
- Integrity
- Reflection
- Collaboration
- Empathy

EMHS was named a
National Blue Ribbon School,
the highest designation awarded by the
U.S. Department of Education.
EMHS was the only high school in New Mexico
to receive the honor in 2018.

To Parent(s)/Guardian(s) and Students:
The information in the EMHS Course Catalog will help students, in cooperation with their parent(s)/guardian(s), plan their course of study for the upcoming school year. Please keep the following in mind:

- *It is the responsibility of each student to meet all graduation requirements.*
- *Students should select courses appropriate to their ability and post-secondary plans.*
- *Students must ensure that any prerequisites are met before requesting a class.*
- *All teacher recommendations must be submitted before a student's schedule requests are processed.*
- *Be aware that possible course offerings are included in the course catalog and that final course offerings are based on budgetary constraints, teacher availability, teacher certification, student interest and enrollment.*

Assessments

The New Mexico Public Education Department (NMPED) graduation assessments (NMASR, PSAT and SAT) are used for students to demonstrate competency. Students must demonstrate competency in reading, writing, math, science and history to receive a high school diploma. Students may have additional opportunities to test again as a Senior, if needed.

Please note that assessment requirements are continually evolving at both the state and federal levels. The school will communicate those changes as appropriate.

NMASR (New Mexico Assessment of Science Readiness): All Juniors will take the NMASR in the spring, usually in March or April, and is required for graduation. The NMASR is a digital test and will be taken on a student's EMHS-issued Chromebook.

OECD (based on PISA): The OECD (based on PISA) may be administered to 15-year-olds in late fall or early spring. The OECD is an international assessment that measures students' reading, mathematics and science literacy skills, and includes measures of general or cross-curricular competencies, such as collaborative problem-solving. This assessment provides EMHS with important information in comparison to education around the world. The administration of the OECD is dependent upon funding. The OECD is a digital test and will be taken on a student's EMHS-issued Chromebook.

Pre-ACT and ACT: The Pre-ACT is administered to all Freshmen, Sophomores and Juniors in September. Freshmen and Sophomores then take the post Pre-ACT and Juniors take the actual ACT in March/April. The EMHS Foundation pays for each Junior to sit for the School Day ACT in March/April at EMHS. The Pre-ACT and ACT are digital tests and will be taken on a student's EMHS-issued Chromebook.

PSAT and SAT / NMPED Graduation Assessments: The PSAT (Pre-SAT) is administered to all Freshmen, Sophomores and Juniors in October. The PSAT and SAT are digital tests and will be taken on a student's EMHS-issued Chromebook.

The October PSAT for Juniors is also the National Merit Scholarship Qualifying Test. The October PSAT for Sophomores and Juniors is also used to determine initial qualifications for the College Board National Student Recognition Program for the following awards: National African American

Recognition Program, National First-Generation Recognition Program, National Hispanic Recognition Program, National Indigenous Recognition Program and National Rural and Small Town Recognition Program.

Freshmen and Sophomores then take the post PSAT and Juniors take the actual SAT in March/April. The spring PSAT for Sophomores and the SAT for Juniors serve as the NMPED High School Assessment in English/Language Arts and Math.

Students may take the actual ACT and/or SAT on a Saturday in their Junior and/or Senior years and must pay for each exam and take the exams at a designated testing site. Students who qualify for free or reduced lunch are eligible for ACT and SAT fee waivers, available in the College & Career Readiness Counselor's office.

Athletics for Physical Education Waiver

East Mountain Policy I-112 Physical Education Equivalent Requirements is based on SB 122, which was signed into law on March 12, 2014. The policy states, "*East Mountain High School defines one unit in physical education as a physical education program that meets state content and performance standards or participation in a full season of interscholastic sports sanctioned by the New Mexico Activities Association."* The law and policy allow successful participation in an athletic season to count as one Physical Education credit at EMHS.

A student who is seeking a Physical Education credit through participation in athletics must try out, participate in a full season of an NMAA sport, compete in more than half of the team's contests (games/meets/tournaments) and complete the sport in good standing (fees paid, academic eligibility maintained, appropriate behavior and conduct maintained). At the end of the sport's season, the Athletic Director will validate the participation in the sport and the credit will be added to the student's transcript by the College & Career Readiness Counselor. A grade of P (pass) will be awarded for 1.0 credit, but will not contribute to the student's Grade Point Average (GPA). Only one PE credit will be awarded, even if the student participates in multiple sports or multiple seasons. Bowling, Boys Volleyball, eSports, Powerlifting and Rodeo are NMAA Activities and are not classified as Athletics, so they are not eligible for the PE Waiver. Participation in private dance lessons, club sports, horseback riding or mountain biking are not sponsored by the NMAA, so they are not eligible for the PE Waiver.

Common Core State Standards

The EMHS Curriculum is centered on the Common Core State Standards. The standards provide a consistent, clear understanding of what students are expected to learn so teachers and parent(s)/guardian(s) know what they need to do to help them. They are designed to be robust and relevant to the real world, reflecting the knowledge and skills that our young people need for success in college and careers. With American students fully prepared for the future, our communities will be best positioned to compete successfully in the global economy. Building on the excellent foundation of standards states have laid, the Common Core State Standards are the first step in providing our young people with a high-quality education. It should be clear to every student, parent/guardian and teacher what the standards of success are in every class.

Community Service Requirements	Students are required to complete 20 hours of verified community service each year for a minimum of 80 hours as a part of their graduation requirements. Students must log their hours in their x2VOL account for each organization served. An email is sent to the service organization's representative to verify a student's service hours. All hours must be logged prior to the end of each school year in order to receive priority in the scheduling process. Incoming Freshmen may complete community service hours during the summer months prior to the start of the school year. EMHS students may receive 10 community service hours for driving other students to or from school. **Seniors must have all 80 hours of community service logged in x2VOL in order to participate in the Graduation Ceremony.**
Correspondence Courses	***If a course is offered at EMHS, the student must enroll in the EMHS course. Only with prior approval from the Principal may a student enroll in an alternate course rather than the EMHS offered course.*** For an EMHS student to receive credit for a correspondence course, such course must: **1. Receive prior approval from the College & Career Readiness Counselor, Assistant Principal or Principal.** 2. Be a part of the student's Next Step Plan. 3. Be a part of the student's credit recovery plan (if applicable). 4. Be addressed in the student's IEP in accordance with applicable state and federal regulations governing the education of children with disabilities and that assistance/modification must be available to students as needed, to complete the correspondence course(s) (if applicable). 5. Be provided by a college or university with accreditation to perform such function, or a school accredited by the Public Education Department in which the school is located. 6. Be taken while the student is enrolled at EMHS with a minimum grade of 70% earned. 7. Be administered by a certified proctor, preferably the College & Career Readiness Counselor.
Course Audit	EMHS supports a student's interest in learning and supports students interested in auditing an elective course with no earned grade and no earned credit. The course will be recorded on the transcript and a grade of AU (audit) will be recorded. An audited course does not affect the student's Grade Point Average (GPA). The decision to audit a course must be made within two (2) weeks of the start of the class. Core classes required for graduation may not be audited. The course audit option requires approval from the Principal.
Course Credit	Each course offered at EMHS has been assigned credit. A student earns the assigned credit provided the level of mastery of 70% or above is met for the term. Partial credit will not be given for a course not completed. Final Exams are required for all courses offered for credit.
Course Offerings/ Course	The EMHS Course Catalog is available on the EMHS website or in the Student Guidance Center. Questions on course offerings should be directed to the Assistant Principal.

Selection	The schedule of classes is built on the results of the students' course selection process during March and April. Course availability for elective courses is determined by sufficient student course requests and staff availability. Insufficient course request numbers or staffing constraints could cause a course to become unavailable after the initial scheduling selection process. All students will submit their course requests through PowerSchool in March and April. The students' actual schedules will be determined by prerequisite requirements, sufficient student interest through course requests and availability of highly qualified staff to teach the requested courses. Finalized student schedules for the school year will be available in August before school starts. **Students must have all community service hours up to date by the end of the school year in order to receive priority in the scheduling process for the next school year. For example, rising Seniors with their community service hours recorded will be scheduled first, then rising Juniors with their hours and so on.**
Credit/ No Credit	EMHS recognizes the fact that an alternative grading method may be in the best interest of the student. Under this alternative grading option, the student would receive either a Pass (P) "credit" or a Fail (F) "no credit" grade rather than the traditional percentage score. In order to be eligible for this alternative grading option, the student must demonstrate a significant academic need, possibly in the case of a foreign exchange student. Core classes required for graduation may not be taken as Pass/Fail. The credit/no credit option requires approval from the Principal and must be a case of extreme academic need.
Credit Recovery/ Remediation	EMHS students are expected to come to school on time daily, be prepared to learn, participate in class and complete all assignments. When a student falls below 70% in any class, the student will formulate a plan to raise that grade with the teacher of that class. Students are to take advantage of all tutoring opportunities the teacher offers, as well as attend the Mandatory Tutoring Days for grades less than 75%. If a student fails a class (final grade below 70%) at the end of any grade reporting period, the student and/or parent(s)/guardian(s) will work with the Student Guidance Center to make a plan to recover that credit. If a student receives a final grade of less than 70% at the completion of a course, the student must participate in credit recovery. The student will be allowed one credit recovery attempt in the same course at EMHS. **Students may not enroll in the next course in the sequence without the prerequisite course being completed.** For example, a student may not enroll in English 10 without passing English 9. Should the student receive a final grade of less than 70% for the first credit recovery attempt, they must pursue other avenues for credit recovery, including, but not limited to, attending summer school at an approved educational institution or enrolling in an approved correspondence course. All credit recovery options must be discussed with and approved by the College & Career Readiness Counselor or Assistant Principal. A second or third attempt for credit recovery in an EMHS course will only be offered on a space available basis. No special education student will be denied space. Space availability will be determined by the approved pupil/teacher ratio for that class. ***A percentage score of 70 or better must be earned in order for the credit to be***

recovered by EMHS. Credit earned at another educational institution (i.e. summer school or correspondence course) must be documented by that institution and the transcript sent to the EMHS Registrar. The student's parent/guardian must request the transcript be sent to EMHS from the summer or correspondence school; the family must not assume the school automatically sends the information to EMHS. Both the failing grade and the grade earned through credit recovery will be included in the student's GPA and on the student's transcript.

Dean's List and Academic Letters

Students must achieve a GPA of 3.0 or higher (with no failing grades) to be on the Dean's List. The Honors category is a GPA of 3.0 – 3.4999, the High Honors category is a GPA of 3.5 – 3.9999 and the Highest Honors category is a GPA of 4.0 and above. The cloth academic letter is awarded when a student achieves two consecutive terms in the Honors category or higher for the very first time. Only one academic letter is awarded during the student's academic career at EMHS. Thereafter, students are awarded an honor pin. Stars are awarded when a student achieves two consecutive terms in the Highest Honors category. Freshmen receive a bronze star, Sophomores receive a silver star, Juniors receive a gold star and Seniors receive a blue star. Honors recognition is awarded during the current school year for the previous school year. Seniors are recognized in May. Summer school grades (including dual credit) are included in a student's Fall Term Dean's List GPA calculation and recognition.

Discovery Projects

The EMHS Charter calls for an innovative and academically successful educational experience that incorporates our own methodology. Discovery Projects are experiential learning activities scheduled during the final two weeks of the regular school year that satisfy, in part, the Charter criteria. They are designed to immerse students in an intensive study of an integrated curricular area based upon the standards. Freshmen, Sophomores and Juniors are required to participate in a Discovery Project and will be graded on the basis of practice and demonstration of mastery of the standards. Students who successfully complete the project requirements, including established rules for behavior and attendance, will earn 0.5 elective credit. Students who do not participate in Discovery Projects will receive a failing grade on their transcripts, which will adversely affect their GPA. Procedures for enrollment and participation are revised yearly by the EMHS administration and staff. Prior to Discovery Projects in May, students must have all fees paid, as well as all textbooks returned and pre-registration documents and Next Step Plans submitted.

Drop/Add Schedule Changes and Withdraw/Fail Deadlines

Once the term has begun, it is imperative that students are in class beginning the learning process. Students are encouraged to give careful consideration before they register for a class and most drops after the class has begun meeting are discouraged. ***Therefore, students have the first <u>three</u> (3) school days of any course in which to attempt to drop or add courses to their schedule.*** Schedule changes after the three day deadline will be made only with approval from the Principal. It may be necessary for the Student Guidance Center to make a schedule change including, but not limited to, the following reasons: academic misplacement, teacher recommendation, a technical error in the scheduling process, a change in the master schedule or an adjustment for balancing classes. This may happen before or after the drop/add deadline, depending on scheduling

circumstances. All schedule changes and decisions regarding final course placement reside with the Assistant Principal or Principal. Additionally, all schedule changes depend on class sizes and balancing of classes. Schedules may be changed for the following reasons:

- Conflicts in schedules.
- Changes needed to satisfy graduation requirements.
- Changes needed for the health of a student.
- Documented, successful completion of the course through summer school or correspondence.
- Failure of a prerequisite course.
- Inappropriate placement as determined by teacher and/or College & Career Readiness Counselor, Assistant Principal or Principal.

At times it may be necessary for a student to withdraw from a particular course after the class is underway. ***If a student drops a class <u>after</u> the three (3) day drop/add deadline, the student may receive a Withdraw (W) for the course.*** The W is recorded on the student's transcript as a no credit earned course and may adversely affect the student's GPA. No partial credit will be given. It is imperative that careful consideration be made when planning a student's course load and every attempt will be made to adjust a student's schedule accordingly before the drop/add deadline.

Dual Credit

East Mountain High School has dual credit agreements with Central New Mexico Community College (CNM), Eastern New Mexico University (ENMU) and the University of New Mexico (UNM) which allow students to earn dual high school and college credit for successful completion of courses. Dual credit provides an opportunity for eligible high school students to take college-level courses while concurrently enrolled in high school. High school credit is awarded when the EMHS receives an official transcript from the college. It is a state requirement that one and two credit college classes equal 0.5 high school credit and three and four credit college classes equal 1.0 high school credit. It is also a state requirement that all dual credit grades be posted on the high school transcript.

All dual credit courses must be approved by the College & Career Readiness Counselor. All students and parent(s)/guardian(s) must sign the EMHS Dual Credit Agreement outlining the responsibilities on the part of the student, parent/guardian and school for successful participation in dual credit courses. The agreement is available during the online registration process in July and is posted on the EMHS website.

Students who enroll in online dual credit courses may complete their course at EMHS or independently outside of the school day. Students must be self-motivated and responsible for their own learning. Students are expected to be self-starters who can complete an online course independently. Although EMHS offers students the opportunity to take online dual credit courses, students are responsible for managing the online course platform and submitting all assignments independently and in a timely manner.

Dual Credit classes are counted as part of a student's GPA in the following ways and under the following circumstances:

- Any dual credit course taken as part of the UNM Core Curriculum or the core curriculum of a student's expected college will be recorded on a student's high school transcript, be subject to the weighted grades table below and calculated into a student's GPA. Additionally, upper-division courses part of a degree program will be subject to the weighted grades table below and calculated into a student's GPA.
- All other non-core dual credit classes will be recorded on a student's high school transcript and will be calculated into a student's GPA. These non-core courses do not carry weighted credit.
- A minimum grade of 70% (C) must be earned in all dual credit courses for the credit to be earned at EMHS.
- Final grades of D or F for dual credit courses negatively impact a student's high school GPA.

Weighted Grades Table for Dual Credit			
Letter Grade	**Percent**	**Non-Core Dual Credit Grade Points**	**Core Dual Credit Grade Points**
A	90 – 100	**4.0**	**5.0**
B	80 – 89	**3.0**	**4.0**
C	70 – 79	**2.0**	**2.0**
NC/D/F	0 – 69	**0.0**	**0.0**

If the college or university only reports final letter grades, the following percentage will be recorded on a student's transcript:
A = 95%, B = 85%, C = 75%, D = 65% (no credit earned at EMHS), F = 55% (no credit awarded at EMHS or the college)

If a course is offered at EMHS in English, Social Studies, Science, Health or Physical Education, the student must enroll in the EMHS course. Students may enroll in a dual credit math class to fulfill one of the four math credits required for graduation. However, MATH 1215 is equivalent to Algebra 2, so this course may not be used to fulfill a fourth math credit if the student already has high school credit for Algebra 2.

Students must enroll in courses at EMHS to meet the three 1.0 high school credit course requirements for interscholastic athletics or activities. Only with prior approval from the Assistant Principal may the student enroll in a dual credit course to meet the three-credit requirement.

Textbooks will be ordered for students by the Registrar/Librarian. If a digital textbook is available, that format will be ordered and assigned to the student. All hardcopy textbooks remain EMHS property and must be returned upon completion of the dual credit class.

The dual credit law requires students to be currently enrolled in their high school to take advantage of the dual credit program at local colleges or universities. Therefore, students who enroll in summer dual credit classes will not be permitted to officially disenroll from EMHS until the final summer grades are received by EMHS. An unofficial transcript may be sent to a student's new school, but all official transcripts and withdrawal paperwork will be held until the completion of the college's summer term.

Eighth Grade Algebra 1 and Spanish 1 Credit Transfer

Eighth grade Algebra 1 or Spanish 1 credit may transfer for a high school Math or World Language credit if the student earned an 80% or above. If the course transfers, it will transfer as a "P" (passing grade), earning credit, but not contributing to the student's GPA. Credits awarded for a course from 8th grade must be included on the student's middle school transcript and submitted to EMHS.

- *Completion of Algebra 1 in 8th grade does not guarantee placement into Geometry, the next course in the EMHS Mathematics Sequence. Please contact the EMHS Math Department for further information.*
- *Completion of Spanish 1 in 8th grade does not guarantee placement into Spanish 2, the next course in the EMHS World Languages Sequence. Please contact the EMHS World Languages Department for further information.*

Eligibility to Participate in NMAA Athletics and Activities

To be eligible to participate in athletics and/or activities sponsored by the New Mexico Activities Association (NMAA), a student must be enrolled in a minimum of **three** 1.0 credit classes at EMHS **prior to and during** the term in which the sport/activity takes place. The exception to this rule are the A/B math classes where a student may be enrolled in a total of 2.5 credits, but 3 classes. This includes all NMAA athletics and activities, whether the student participates at EMHS or their home district high school. Teacher's Aide is not an acceptable course to meet this requirement as it is not a credit-bearing class. Any unusual schedule or credit situations should be directed to the Assistant Principal for a determination.

Students must enroll in courses at EMHS to meet the three 1.0 high school credit course requirements for NMAA athletics and/or activities. Only with prior approval from the Assistant Principal may the student enroll in a dual credit or correspondence course to meet the three-credit requirement.

Students must complete the course(s) during the term in which the sport/activity takes place, even if the athletic season is over. If a student enrolls in a dual credit or correspondence course to meet the three-class minimum and then subsequently withdraws/drops the course after the season is over, the W will negatively affect the student's GPA (similar to a failed class). If a student enrolls in a correspondence course to meet the three-class minimum and then subsequently never completes the course, the incomplete grade will negatively affect the student's GPA (similar to a failed class).

Additionally, the student will not be eligible to earn an athletic letter (for sports) or other honors as determined by school administration (for activities). The student will also not be eligible to participate in the following NMAA athletic/activity season.

Home school students participating in NMAA athletics and/or activities through EMHS must meet the same or equivalent minimum academic requirements to be eligible for participation.

Students transferring to EMHS from another high school must contact the Athletic Director for eligibility information. Visit the NMAA website for more information on NMAA-sponsored athletics and/or activities at http://www.nmact.org/.

Foreign Exchange

Students may participate in a foreign exchange program during their Sophomore or Junior year. Additional coursework will be required to fulfill EMHS graduation requirements, specifically in core subjects. Students and their families must meet with the College & Career Readiness Counselor before enrolling in a foreign study program. The only courses that may be transferable to EMHS from the foreign exchange program are physical education and world language.

4x4 Block Scheduling

East Mountain High School is on a 4 x 4 accelerated block schedule where students can earn eight credits per school year by enrolling in four credits in the Fall and four credits in the Spring. Each school year has two terms (Fall/Spring). For most classes, each term is equal to 1.0 credit. The A/B math classes, Health and Freshman Seminar and Economics and Senior Seminar courses equal 0.5 credit each. Students in grades 9 – 11 earn an extra 0.5 credit for the required Discovery Projects at the end of the Spring Term.

GPA Points

The points awarded for calculating a student's GPA and Dean's List honors are as follows:

Weighted Grades Table					
Letter Grade	**Percent**	**Grade Points**	**Honors/AP Grade Points**	**Non-Core Dual Credit Grade Points**	**Core Dual Credit Grade Points**
A	90 – 100	**4.0**	**5.0**	**4.0**	**5.0**
B	80 – 89	**3.0**	**4.0**	**3.0**	**4.0**
C	70 – 79	**2.0**	**2.0**	**2.0**	**2.0**
NC	0 – 69	**0.0**	**0.0**	**0.0**	**0.0**

Grade Level Classifications

EMHS students are classified according to the following minimum requirements:

- A Sophomore must have at least 6.5 credits, with a minimum of 5.0 Core credit classes.
- A Junior must have at least 13.0 credits, with a minimum of 10.0 Core credit classes.
- A Senior must have a minimum of 15.0 Core credit classes **and** must have successfully completed English 11 and US History.

Core credit classes are defined as any course in English, Social Studies, Math, Science and World Language. One credit in Fine Arts, one credit in Physical Education and 0.5 credit in Health and Freshman Seminar may be counted towards the Core requirement. All other courses are considered electives and do not count toward the minimum requirements for Core credit classes.

A student transferring to EMHS from a high school program whose graduation requirements are different will be classified proportionately to EMHS minimum requirements.

Grade Reporting

All grades are reported by exact percentage. Each grading period is one term, with progress report grades available every six weeks. Transcripts, in lieu of a report card, are mailed home approximately one week after the end

of each term (early January and early June). PowerSchool is EMHS's student information system and is available through the website or app for families to view their student's current academic progress and attendance information. Families receive a log-in and password that allows them to access grades, as well as attendance and tardy information. Families must contact the Registrar for log-in and password help.

Graduation Ceremony Requirements

Students must have earned the specific 28.5 credits required for graduation and have met all state assessment requirements to participate in the Graduation Ceremony. Additionally, a student must have the required number of community service hours on file in x2VOL. All students must wear a navy blue cap and gown during the EMHS Graduation Ceremony available through Campus Specialties. Amigos Sports Photography is the official EMHS photographer, so all Senior pictures used in the Graduation Ceremony slideshow must be from ASP.

Graduation Requirements

EMHS believes that each student should be exposed to a rigorous, academically challenging curriculum. Students are encouraged to take the appropriate level of each course based on prerequisites, teacher recommendations and individual interests.

Students interested in enrolling in two 1.0 credit math classes in the same year must have EMHS Math Department approval. A waiting list will be established for students who wish to double up in math. Requests for two math classes may not be granted due to a lack of space availability in the class. Preference will be given to Seniors, then Juniors, then Sophomores and then Freshmen.

All Juniors are required to enroll in a math class, even if they have earned their required four math credits. Students may also enroll in a dual credit math class, Advanced STEM Topics, General Chemistry, Physics or a Computer Science class in lieu of taking a Junior year math class if they have earned their four math credits. Any exceptions must be approved by the Assistant Principal.

EMHS does not offer drivers' education. A drivers' education course must be taken through an accredited academic institution taught by a licensed teacher in order for academic credit to be awarded. A transcript must be sent to the Registrar for the credit to be awarded on the EMHS transcript. Most private drivers' education programs do not carry high school academic credit.

All students must take high school Health, even if they took the class in middle school.

Final spring grades from UNM and ENMU are not available until after the EMHS Graduation Ceremony. Therefore, a student may NOT use a dual credit course(s) from UNM or ENMU to meet an EMHS Graduation Requirement. Additionally, spring term dual credit grades from UNM or ENMU will not be used to calculate the GPA for valedictorian or salutatorian status.

Students are required to earn specific credits and meet all state testing requirements in order to graduate from East Mountain High School. Students in the Class of 2025 and beyond are required to earn 28.5 specific credits.

East Mountain High School offers an enhanced curriculum for Seniors to provide them with a more robust and varied experience. All Seniors will enroll in the following:

Fall Term – In the fall, Seniors will take English 12/Research Methods: The Art of Inquiry or English 12 Honors/Research Methods: The Art of Inquiry & Discussion. Additionally, seniors will be enrolled in a full term US Government class in the fall. Moreover, Government *will not* be offered in the spring term. Seniors planning to graduate on time will need to pass US Government in the fall to avoid compromising their graduation date.

Spring Term – Seniors will be enrolled in a Senior Seminar Capstone class, a 0.5 credit required course that will help them coordinate their Senior Exhibition and other graduation and career readiness requirements. The second half of the course will be a 0.5 credit Economics class, which is also required for graduation.

In keeping with our mission of building forward-thinking leaders, and compounding on the lessons of Sophomore Retreat, Junior Discovery, and finally, students' growth and participation in an ever-demanding society, EMHS has developed The Senior Experience, a required course for the spring term of senior year. In this course, students will:

- Develop a program for building their own career/college pathway by:
    - Pursuing an entrepreneurial concept;
    - Working in the field in an internship, mentorship or personal employment with the intent to pursue a career in this field;
    - Conducting a term-long service learning project; or
    - Building a non-profit that identifies a community need and fulfills that need.
- Meet with professionals who share students' love for what they hope to do.
- Learn to budget and manage their time.
- Learn to participate in the broader community beyond high school as an autonomous decision-maker.
- Check in with an advisor/facilitator who will assist students in making connections, building their program and communicating their growth.

The focus of The Senior Experience is experiential learning, so students will spend a minimum of 60 hours per term at their chosen site, gaining hands-on experience in the field and the remaining 40 hours of the 100 total either engaged in extended research or independent study.

EMHS Graduation Requirements – Class of 2025

There are two diploma types: the Standard Diploma and the Timberwolf Diploma of Excellence. In order to earn the **Timberwolf Diploma of Excellence**, a student must also fulfill the following:

- Earn two electives in one subject area over the minimum requirements (i.e. six math credits or three fine arts credits);
- Earn four credits in math, one of which is equivalent to Algebra 2 or higher;
- Have experience taking a career, workforce, distance learning, honors, Advanced Placement or college course.

EMHS Graduation Requirements – Class of 2025			
Humanities (English & Social Studies)	8 credits	*Grade 9:*	*1 credit = English 9 and 0.5 credit = New Mexico History*
		Grade 10:	*1 credit = English 10 and 1 credit = Modern World History*
		Grade 11:	*1 credit = English 11 and 1 credit = US History*
		Grade 12:	*1 credit = English 12, 1 credit = US Government, 0.5 credit = Economics*
Mathematics	4 credits	*1 credit = Algebra 1* *1 credit = Geometry* *1 credit = Algebra 2 or Probability & Statistics* *1 credit = Additional Math Credit (May be taken at EMHS or through dual credit)*	
Science	4 credits	*1 credit = Integrated Physics & Chemistry* *1 credit = Biology* *1 credit = Environmental Science Honors* *1 credit = Additional Science Credit*	
Fine Arts	1 credit	*May be taken at EMHS or through dual credit*	
Physical Education	1 credit	*May use the NMAA Athletics for PE Waiver*	
World Language	2 credits	*In the same language; Must be taken in consecutive terms* *May be taken at EMHS or through dual credit*	
Health	0.5 credits	*Satisfied by required high school Health class in 9th grade*	
College/Career Related	1 credit	*Elective credit satisfied by a college/career-related elective*	
Seminar & Capstone	1.5 credits	*Grade 12:*	*0.5 credit = Senior Seminar Capstone*
		Grade 12:	*1 credit = The Senior Experience*
Discovery Projects	1.5 credits	*Elective credits satisfied by required Discovery Projects in the 9th, 10th and 11th grades*	
Electives	4 credits	*May be taken at EMHS or through dual credit*	
Community Service		*20 hours are required each year, for a minimum of 80 hours*	
State Requirements		*Meet state graduation assessment requirements in reading, math, writing, history and science*	
TOTAL: 28.5 credits			

Graduation Requirements – Classes of 2026, 2027 & 2028

There are two diploma types: the Standard Diploma and the Timberwolf Diploma of Excellence. In order to earn the **Timberwolf Diploma of Excellence**, a student must also fulfill the following:

- Earn two electives in one subject area over the minimum requirements (i.e. six math credits or three fine arts credits);
- Earn four credits in math, one of which is equivalent to Algebra 2 or higher;
- Have experience taking a career, workforce, distance learning, honors, Advanced Placement or college course.

EMHS Graduation Requirements – Classes of 2026, 2027 & 2028			
Humanities (English & Social Studies)	8.5 credits	*Grade 9:*	*1 credit = English 9 and 1 credit = New Mexico History*
		Grade 10:	*1 credit = English 10 and 1 credit = Modern World History*
		Grade 11:	*1 credit = English 11 and 1 credit = US History*
		Grade 12:	*1 credit = English 12, 1 credit = US Government, 0.5 credit = Economics*
Mathematics	4 credits	*1 credit = Algebra 1* *1 credit = Geometry* *1 credit = Algebra 2 or Probability & Statistics* *1 credit = Additional Math Credit (May be taken at EMHS or through dual credit)*	
Science	4 credits	*1 credit = Integrated Physics & Chemistry* *1 credit = Biology* *1 credit = Environmental Science Honors* *1 credit = Additional Science Credit*	
Fine Arts	1 credit	*May be taken at EMHS or through dual credit*	
Physical Education	1 credit	*May use the NMAA Athletics for PE Waiver*	
World Language	2 credits	*In the same language; Must be taken in consecutive terms* *May be taken at EMHS or through dual credit*	
Health	0.5 credits	*Satisfied by required high school Health class in 9th grade*	
College/Career Related	1 credit	*Elective credit satisfied by a college/career-related elective*	
Seminar & Capstone	2 credits	*Grade 9:*	*0.5 credit = Freshman Seminar*
		Grade 12:	*0.5 credit = Senior Seminar Capstone*
		Grade 12:	*1 credit = The Senior Experience*
Discovery Projects	1.5 credits	*Elective credits satisfied by required Discovery Projects in the 9th, 10th and 11th grades*	
Electives	3 credits	*May be taken at EMHS or through dual credit*	
Community Service		*20 hours are required each year, for a minimum of 80 hours*	
State Requirements		*Meet state graduation assessment requirements in reading, math, writing, history and science*	
TOTAL: 28.5 credits			

Honors Policy Overview

Complete policy is located in the administration office.

- The criteria for determining student eligibility for Honors/AP placement shall include, but not be limited to, the following:
    - If the student is currently enrolled in an Honors course in the same content area, the student must have maintained a grade average of at least 80% in a previous Honors class within the same content area and have received a prerequisite teacher recommendation specific to the content area, or
    - If the student is not currently enrolled in an Honors course, the student must have maintained a grade average of 90% in a Non-Honors prerequisite class within the same content area and have received a prerequisite teacher recommendation specific to the content area.
    - The criteria may also include a department-designed screening assessment, such as a writing sample or math assessment.
- Students must maintain a grade average of at least 80% each term to remain in the Honors program.
- For the student whose grade drops below 80%, the teacher will assess the student's academic performance and placement. The teacher has the discretion to:
    - Allow or disallow the student to remain in the Honors Program for the duration of the course, or
    - Judge the student eligible or ineligible to continue onto the next Honors course in the sequence.
- Honors increments are defined as credits awarded with a weighted grade which deviates from the traditional 4.0 scale by one additional point. ***No honors increments will be awarded if the final term grade is less than 80%.***
- Honors courses are offered in English 10 Honors, Modern World History 10 Honors, English 11 Honors, United States History 11 Honors, English 12 Honors, Algebra 1 Honors, Geometry Honors, Algebra 2 Honors, Pre-Calculus Honors, Calculus Honors and Spanish 5 Honors. An Advanced Placement option is offered for AP Calculus AB.
- All students will enroll in an Environmental Science Honors course during Junior or Senior year. The course provides a more in-depth curriculum and meets the requirements of state statute.

Late Arrival and Early Dismissal Guidelines

Late Arrival and Early Dismissal are options intended for Junior and Senior students, provided that their Community Service hours are submitted, recorded and verified in x2VOL. Rising Juniors must have a minimum of 40 hours of Community Service on file and rising Seniors must have a minimum of 60 hours of Community Service on file to receive a Late Arrival and/or Early Dismissal. Students have the opportunity to elect to take Late Arrival and/or Early Dismissal with a reduced course load at EMHS during one or both terms. Students who take Late Arrival and/or Early Dismissal must be on-track with graduation requirements. During this time not on the EMHS campus, upperclassmen are encouraged to take advantage of dual credit classes, internships/mentorships, job shadows and employment opportunities. Late Arrival or Early Dismissal for underclassmen or upperclassmen without the required Community Service hours on file must have approval from the Assistant Principal. ***Students with Late Arrival and/or Early Dismissal should arrive on or leave campus at appropriate***

times. Students with Late Arrival and/or Early Dismissal are not to be on the EMHS campus at this time. This includes being unsupervised in front of the school, overfilling the Sunflower or Library, etc.

Minimum Class Requirements

- All Freshmen and Sophomores are required to be enrolled in four (4) classes on the EMHS campus each term.
- All Juniors are required to be enrolled in a minimum of three (3) classes on the EMHS campus each term.
- All Seniors are required to be enrolled in a minimum of two (2) classes on the EMHS campus each term.
- All EMHS students who continue to participate in home schooling are required to be enrolled in a minimum of two (2) classes each term, regardless of grade level.
- All students who participate in NMAA Athletics or Activities are required to be enrolled in a minimum of three-1.0 credit classes at EMHS. The exception to this rule are the Algebra 1 A/B classes where a student may be enrolled in a total of 2.5 credits, but 3 classes. Only with prior approval from the Assistant Principal may the student enroll in a dual credit or correspondence course to meet the three credit requirement.

Any exceptions to the above minimum requirements must be approved by the Assistant Principal or Principal.

Next Step Plans

The Next Step Plan (NSP) was developed by the New Mexico Public Education Department to meet the legislative requirements of HB 512 (Section 22.13.1.1, NMSA 1978). The NSP is a personal written plan that is developed annually by the student in consultation with the student's parent(s)/guardian(s) and the Advocate. It is intended to be a living, working document that is updated annualy.

The NSP has been created to allow students to specify their post-high school goals and to re-examine, revise and fine-tune their individual goals and course of study over the years. The purpose of the NSP is to provide a tool to aid in the academic success of each student. The NSP allows the student to determine a career pathway and begin to think about the coursework that will allow the student to achieve those goals.

The purpose of the NSP is to provide a structure for high school students to think ahead through conscientious planning about their future. However, because the plan is to be revisited and updated each year, it should be considered flexible. The mandated process for completing this form includes the involvement of many stakeholders. The student, the parent(s)/guardian(s) and the school work together to fulfill the guidance role of helping the student explore, examine and determine his/her respective interests, goals and plans. Parent/Guardian input is seen as an essential part of the NSP process. The Advocate, working together with the student, will identify the areas of student need and address those needs with the student and parent(s)/guardian(s) through a variety of strategies in the NSP. The student and parent(s)/guardian(s) can request a modification of the NSP at any time in addition to the annual update. The NSP is completed through a student's Naviance account.

Programs of Study

Preparatory High School

EMHS offers a liberal arts curriculum designed to prepare students for entry into and success in college, career and life. The school focuses on providing students a well-rounded education in the humanities, math, science, world languages, fine arts, physical education and electives.

Dual Credit

EMHS provides students with dual credit experiences. EMHS honors courses taken through CNM, ENMU and/or UNM while simultaneously enrolled in high school. Dual credit allows students to accelerate their learning with college level coursework.

Honors/Advanced Placement Program

Honors courses are offered in English, Social Studies, Math, Environmental Science and Spanish. The classes emphasize independent study, quality of assignments and accelerated enrichment of course content.

An in-person Advanced Placement option is offered in AP Calculus AB. Through a grant with the National Math & Science Initiative's Rural Access College Readiness Program, EMHS is able to offer an online AP Biology and AP Computer Science Principles course. AP courses are rigorous courses asking students to perform on a college level and they prepare students for the demands of a college classroom.

- Students have the opportunity to earn college credit (depending on their intended college) after taking and passing the AP exam in May. Students enrolled in AP courses are required to take the AP Exam in May at the student's expense. The cost of the AP exam during the 2023-2024 school year was $98. Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees. Please see the Assistant Principal for more information.
- It is the student's responsibility to send their AP scores to their intended college.
- If extenuating circumstances exist and a student does not take the AP exam, the AP course designation will be removed on the high school transcript.

Educational Support

The Special Education Department addresses student needs according to the level of placement designated in the Individualized Education Plan (IEP), either through special education or a gifted program. Services for students on a 504 Plan, ELL Plan or SAT/MLSS Plan are also available.

Student Performance Evaluation

A variety of means, including testing, demonstrations of projects, oral presentations, class participation, writing assessments, reflection and teacher assessment will measure student performance in the classroom. Student performance will be graded on a 90% – 100% (A), 80% – 89% (B), 70% – 79% (C), Below 70% (NC – No Credit) basis using a 4.0 scale. This structure requires students to master the learning objectives in each content area before proceeding to the next level of core requirements. Mastery Learning ensures that students receiving a 70% or better for a final grade meet a pre-established set of performance criteria that demonstrates critical thinking capabilities, subject matter expertise and mastery of basic skills

	associated with the course requirements. Student performance will be assessed on an on-going basis through teacher, peer and self-assessment.
Teacher's Aide	Credit is not awarded for being a teacher's aide. As such, teacher's aide may not be used to meet the 3.0-credit requirement for athletics and/or activities. Up to 10 hours of community service may be awarded at the teacher's discretion. It is the student's responsibility to log the hours in x2VOL.
Transcripts	Any student needing a transcript can request one from the Registrar by filling out a Transcript Request Form available on the EMHS website available in the upper left hand corner at the Request a Transcript link. All transcripts are free. **Please allow at least 48 hours for transcripts to be processed.** Official transcripts are stamped "Official," have the school seal and are mailed or submitted electronically directly from school to school. Official transcripts are primarily for college applications, scholarship applications, military and employment use. Unofficial transcripts are not signed or sealed and are primarily used for unofficial and/or personal purposes. The student's legal name and legal gender are used on all transcripts, school records and official documents.
Transfer Credit	When a student transfers to EMHS, the credit and grade points granted and sent by an accredited school, regardless of grade, will be honored by EMHS. Students who transfer into East Mountain High School with letter grades will be assigned the following equivalent numerical grades: **A+ = 98** | **B+ = 89** | **C+ = 78** | **D+* = 68** | **F = 55** **A = 95** | **B = 85** | **C = 75** | **D* = 65** **A- = 92** | **B- = 82** | **C- = 72** | **D-* = 62** ** = If the transferring school awards credit for Ds.*
Transfer Credit (Coursework taken while enrolled at EMHS)	If a student enrolls in a dual credit, correspondence course or summer school course while enrolled at EMHS, they must adhere to the requirement of a minimum percentage score of 70 to earn credit. Additional or supplemental course credit will be accepted from an accredited institution upon approval from the College & Career Readiness Counselor or Assistant Principal. Therefore, students and their families must have approval prior to enrollment. Credit for additional/supplemental courses will be accepted by EMHS if the final grade is 70% or above. Grades below 70% will not be awarded credit from EMHS, will be recorded on the student's transcript and negatively impact the student's GPA. Credit earned at another educational institution (i.e. summer school or correspondence course) must be documented by that institution and sent to the Registrar. The student's parent/guardian must request the transcript be sent to EMHS from the summer or correspondence school; the family must not assume the school automatically sends the information to EMHS.
Valedictorian and Salutatorian	EMHS recognizes students for the Valedictorian and Salutatorian honor at graduation. In order to receive this honor, a student must have been enrolled at EMHS for a minimum of six consecutive terms, including a full

Senior year. A student's overall cumulative GPA will be the determining factor. School administration will determine the final calculation and determination of the Valedictorian and Salutatorian status.

Final spring grades from UNM and ENMU are not available until after the EMHS Graduation Ceremony. Therefore, a student may NOT use a dual credit course(s) from UNM or ENMU as a course that figures into their final GPA for Valedictorian or Salutatorian status. However, these grades will be calculated in a student's final EMHS cumulative GPA once they are received by the Registrar.

Withdrawal

A parent or guardian must withdraw their student from EMHS, even if the student is 18 years of age. The parent/guardian will sign a withdrawal form issued through the Registrar. Teachers and staff will check in all books and clear the student of all debts, fees or fines prior to assignment of withdrawal grades. A family will be required to pay for unreturned Chromebooks, chargers, books, uniforms, etc. A student must have a completed Next Step Plan on file if the student withdraws after April. Once withdrawn from EMHS, a student's network folder will be deleted and Gmail email will be disabled.

2024 - 2025 Course Offerings at a Glance

Humanities / English
- ☐ English 9
- ☐ English 10 / World Literature
- ☐ English 10 Honors / World Literature
- ☐ English 11 / American Studies
- ☐ English 11 Honors / American Studies
- ☐ English 12 / Research Methods: The Art of Inquiry (FALL)
- ☐ English 12 Honors / Research Methods: The Art of Inquiry & Discussion (FALL)

Humanities / Social Studies
- ☐ New Mexico History
- ☐ Modern World History
- ☐ Modern World History Honors
- ☐ United States History
- ☐ United States History Honors
- ☐ Government (FALL)
- ☐ Economics & Senior Seminar (SPRING)

Math
- ☐ Algebra 1A – Part 1 & Algebra 1B – Part 2
- ☐ Algebra 1
- ☐ Algebra 1 Honors
- ☐ Geometry
- ☐ Geometry Honors
- ☐ Probability & Statistics
- ☐ Algebra 2
- ☐ Algebra 2 Honors
- ☐ Personal & Business Finance
- ☐ Financial Literacy – Math
- ☐ Trigonometry
- ☐ Pre-Calculus Honors
- ☐ Calculus Honors (with AP Calculus AB Option)
- ☐ Advanced Science Topics
- ☐ Dual Credit Math

Science
- ☐ Integrated Physics & Chemistry
- ☐ Biology
- ☐ Biology Honors
- ☐ Environmental Science Honors
- ☐ Fourth Science Credit (Options Listed in the Electives Section)

World Languages
- ☐ Spanish 1 & Spanish 2
- ☐ French 1 & French 2

Physical Education
- ☐ Physical Education

Health & Freshman Seminar
- ☐ Health
- ☐ Freshman Seminar

Senior Seminar Capstone & The Senior Experience
- ☐ Senior Seminar Capstone
- ☐ The Senior Experience

ELECTIVES

College or Career-Related Elective
- ☐ College & Career Explorations

Computer Electives
- ☐ Adobe Photoshop
- ☐ AP Computer Science Principles

Fine Arts
- ☐ Brushstrokes & Beyond: Painting 101
- ☐ Creative Art
- ☐ The Drawing Lab: Drawing 101
- ☐ The Original Influencers: Art, Architecture, Design & Fashion Through Time

General
- ☐ Online Course
- ☐ Structured Study Hall (Special Education IEP Only)
- ☐ Study Skills & Strategies (SAT/MLSS Students Only)
- ☐ Teacher's Aide

Humanities
- ☐ Communications: Speech & Debate
- ☐ Contemporary Issues Through Film
- ☐ Contemporary World Issues
- ☐ Creative Writing
- ☐ Multimedia Journalism & Yearbook
- ☐ Philosophy
- ☐ Political Science: Model United Nations
- ☐ Introduction to Psychology
- ☐ Society & Human Rights

Performing Arts
- ☐ Drama 1
- ☐ Drama 2
- ☐ Music Composition 1 / Fundamentals
- ☐ Music Composition 2
- ☐ Recording Arts

Physical Education
- ☐ Advanced Team Games
- ☐ Weight Lifting

Science
- ☐ Advanced Science Topics
- ☐ Anatomy & Physiology
- ☐ Astronomy & 3D Printing
- ☐ AP Biology
- ☐ Computer Programming
- ☐ General Chemistry
- ☐ MESA
- ☐ Physics
- ☐ Robotics 1
- ☐ Robotics 2
- ☐ Science & Psychology
- ☐ Wildlife Management

World Languages
- ☐ French 3
- ☐ French 4
- ☐ Spanish 3
- ☐ Spanish 4
- ☐ Spanish 5 Honors – Language & Culture

COURSE DESCRIPTIONS

All prerequisite courses include
the previous course(s) in the sequence.
For example: The prerequisite for English 11 is listed as English 10. It is implied that the prerequisite for English 11 is both English 10 and English 9 since English 9 is a prerequisite for English 10.

HUMANITIES
English & Social Studies

The Common Core Standards call for a deeper focus on core reading, writing, and speaking skills. English and Social Studies classes allow for a sharper focus on students' writing skills and a more intentional approach to historical learning. Inquiry-based learning will continue to be an important part of both the English and Social Studies classrooms.

9th Grade English & Social Studies Courses

ENGLISH 9

Department: Humanities
Grade Level: 9
Credit: 1
Prerequisite: None
Recommendation Required: No

SUMMER READING ENCOURAGED

In English 9, students are introduced to the fundamental reading, writing and speaking skills necessary for success in high school and post-secondary plans. This course will stress basic mechanics and writing techniques that will be built upon and developed in subsequent years at EMHS. In addition, basic annotation and reading techniques will be stressed. Students will encounter both fictional and non fictional readings and focus on both informative and argumentative writing styles.

Summer reading for this course is not mandatory. However, students are highly encouraged to browse the suggested reading lists provided on the school's website or read books of their choice. Maintaining reading skills over the summer is strongly advised for all English courses.

NEW MEXICO HISTORY

Department: Humanities
Grade Level: 9
Credit: 1
Prerequisite: None
Recommendation Required: No

How can we use history and research and civic action to make a better New Mexico? That's the question at the heart of this course. We cover New Mexico history with a research focus on 21st-century issues, such as media literacy. The class stresses independent reading techniques and research skills with an eye toward primary source documents and informational texts. In addition, core writing, reading and presentation skills will be utilized throughout the course. This course has two term-long projects. One is a student-designed inquiry experience and the other is a student-created civic action project. Even though New Mexico history from 1846 to 2000 is our content's focus, we use this history to discuss and understand the New Mexico that we live in today and the one that we want to live in tomorrow.

HUMANITIES
English & Social Studies

10th Grade English & Social Studies Courses

ENGLISH 10/ WORLD LITERATURE

Department: Humanities
Grade Level: 10
Credit: 1
Prerequisite: English 9
Recommendation Required: No

SUMMER READING ENCOURAGED

This world literature course emphasizes a variety of world literature. Our literary studies will focus on literary and informational texts. This course is vertically aligned with the other English courses regarding grammar and good writing practices commensurate with MLA (Modern Language Association) and post-secondary educational expectations. Students will focus on argumentative, expository and narrative writing in line with Common Core Standards. Students will develop and improve literary analysis and critical thinking skills that will help make them successful citizens and learners.

Summer reading for this course is not mandatory. However, students are highly encouraged to browse the suggested reading lists provided on the school's website or read books of their choice. Maintaining reading skills over the summer is strongly advised for all English courses.

ENGLISH 10 HONORS/ WORLD LITERATURE

Department: Humanities
Grade Level: 10
Credit: 1
Prerequisites: English 9 and Departmental Approval
Recommendation Required: ***YES***

This world literature course emphasizes a variety of world literature. Our literary studies will focus on literary and informational texts. This course is vertically aligned with the other English courses regarding grammar and good writing practices commensurate with MLA (Modern Language Association) and post-secondary educational expectations. Students will focus on argumentative, expository and narrative writing in line with Common Core Standards. Students will develop and improve literary analysis and critical thinking skills that will help make them successful citizens and learners.

The Honors environment requires active and serious participation from all students. There is a greater quantity of choice and independent work and an expectation of self-motivation and high engagement. English 10 Honors carries weighted credit for final grades of A or B.

Admission to English 10 Honors/World Literature requires a recommendation and departmental approval.

Summer reading for this course is not mandatory. However, students are highly encouraged to browse the suggested reading lists provided on the school's website or read books of their choice. Maintaining reading skills over the summer is strongly advised for all English courses.

HUMANITIES
English & Social Studies

10th Grade English & Social Studies Courses

MODERN WORLD HISTORY & GEOGRAPHY

Department: Humanities
Grade Level: 10
Credit: 1
Prerequisite: New Mexico History
Recommendation Required: No

This course is designed around the modern world, specifically from the 14th century to the present, with emphasis on the 19th and 20th centuries. Various historical themes will organize the information learned by students and connections to the present will be laced throughout the class. An integration of non-fiction and primary source readings from various historical periods and places will also be utilized. Hands-on projects and making history fun (!) will also engage students' learning. By the end of this class, students should develop and improve research and argumentation skills, as well as critical thinking skills in order to help make them successful citizens of the world and lifelong learners.

MODERN WORLD HISTORY & GEOGRAPHY HONORS

Department: Humanities
Grade Level: 10
Credit: 1
Prerequisite: New Mexico History and Departmental Approval
Recommendation Required: ***YES***

SUMMER READING REQUIRED

Modern World History & Geography Honors offers an overview of modern world history. It will study significant people, events and issues from the 14th century to the present. Geography and its impact on people and events is a major theme in this course. Additionally, students will analyze the development of governments, societies and civilizations, as well as the growth of industry, science and technology. Students will use a variety of primary and secondary sources such as biographies, autobiographies, novels, speeches and letters, poetry, music and works of art to support this study. Modern World History Honors carries weighted credit for final grades of A or B.

Summer reading is required of honors students in this class; this can be found at: https://www.eastmountainhigh.net/summer-reading. Please contact Stephanie Schroeder (formerly Ms. Schuette) with questions at sschroeder@eastmountainhigh.net.

Admission to Modern World History & Geography Honors requires a recommendation and departmental approval.

HUMANITIES
English & Social Studies

11th Grade English & Social Studies Courses

ENGLISH 11/ AMERICAN STUDIES

Department: Humanities
Grade Level: 11
Credit: 1
Prerequisite: English 10
Recommendation Required: No

SUMMER READING ENCOURAGED

American Studies focuses on rhetoric, American literature and culture. The reading and writing students do in this course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (e.g., vocabulary, diction, syntax, spelling, punctuation, paragraphing, genre). The course helps students understand that formal conventions of the English language may intentionally or unintentionally contribute to the effectiveness or ineffectiveness of a piece of writing in a particular rhetorical context. Our goal is to become more aware of the rhetorical choices made in writing and to sharpen our understanding of these choices, both as readers and writers. Students will analyze literature individually and in small groups, and contribute to class discussions of seminal American texts, both fiction and nonfiction. Students will examine literature as representations of cultural and social issues in America.

Summer reading for this course is not mandatory. However, students are highly encouraged to browse the suggested reading lists provided on the school's website or read books of their choice. Maintaining reading skills over the summer is strongly advised for all English courses.

HUMANITIES
English & Social Studies

11th Grade English & Social Studies Courses

ENGLISH 11 HONORS/ AMERICAN STUDIES

Department: Humanities
Grade Level: 11
Credit: 1
Prerequisites: English 10 or English 10 Honors and Departmental Approval
Recommendation Required: ***YES***

SUMMER READING ENCOURAGED

American Studies focuses on rhetoric, American literature and culture. The reading and writing students do in this course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (e.g., vocabulary, diction, syntax, spelling, punctuation, paragraphing, genre). The course helps students understand that formal conventions of the English language may intentionally or unintentionally contribute to the effectiveness or ineffectiveness of a piece of writing in a particular rhetorical context. Our goal is to become more aware of the rhetorical choices made in writing and to sharpen our understanding of these choices, both as readers and writers. Students will analyze literature individually and in small groups, and contribute to class discussions of seminal American texts, both fiction and nonfiction. Students will examine literature as representations of cultural and social issues in America.

English 11 Honors is for students who demonstrate the highest level of ability and interest in language arts. Students need a strong work ethic and willingness to complete challenging assignments. An honors environment requires students to demonstrate strong critical thinking skills and attention to detail in both daily discussions and written analysis. English 11 Honors carries weighted credit for final grades of A or B.

Admission to English 11 Honors/American Studies requires a recommendation and departmental approval.

Summer reading for this course is not mandatory. However, students are highly encouraged to browse the suggested reading lists provided on the school's website or read books of their choice. Maintaining reading skills over the summer is strongly advised for all English courses.

HUMANITIES
English & Social Studies

11th Grade English & Social Studies Courses

UNITED STATES HISTORY & GEOGRAPHY

Department: Humanities
Grade Level: 11
Credit: 1
Prerequisite: Modern World History or Modern World History Honors
Recommendation Required: No

United States History and Geography is a survey course with a primary focus on post-Reconstruction United States (1877-present). Major emphasis is placed on American society, culture and politics. The student will use critical thinking and close reading skills to demonstrate understanding of major ideas, eras, themes, developments and turning points in the history of the United States.

UNITED STATES HISTORY & GEOGRAPHY HONORS

Department: Humanities
Grade Level: 11
Credit: 1
Prerequisites: Modern World History or Modern World History Honors and Departmental Approval
Recommendation Required: ***YES***

SUMMER READING REQUIRED

United States History Honors (1877-present) stresses a deep understanding and application of historical thinking skills, primary source analysis, Socratic seminar discussion of texts, essay writing, independent reading of novels and an examination of historiography. Successful honors students must commit to extended outside-of-the-classroom learning and be self-motivated and academically driven. United States History Honors carries weighted credit for final grades of A or B.

Admission to United States History & Geography Honors requires a recommendation and departmental approval.

Summer reading is required; information can be found at: https://www.eastmountainhigh.net/summer-reading. Please contact Michael Jamison with questions at mjamison@eastmountainhigh.net.

HUMANITIES
English & Social Studies

12th Grade English, Social Studies & Capstone Courses

ENGLISH 12/ RESEARCH METHODS: THE ART OF INQUIRY

Department: Humanities
Grade Level: 12
Credit: 1
Prerequisite: English 11 or English 11 Honors
Recommendation Required: No
Term: Fall

SUMMER READING REQUIRED

In English 12/Research Methods: The Art of Inquiry, students will define personal topics of interest and curiosity. They will construct their own research plan to get to answers and a new level of understanding. Through this process, students will complete a variety of forms of research (primary and secondary), learn standard methods for disseminating their findings and begin to challenge traditional models of research presentation to think outside the box about how to critically evaluate what they uncover. Analytical and critical thinking, reading and writing skills, in addition to college preparation skills, comprise the focus of the course.

This course is best for the student who kind of knows how to write research, can Google with the best of them, and who really needs to prove their research and writing skills are top-notch.

Summer reading may be required; information can be found at: https://www.eastmountainhigh.net/summer-reading.

HUMANITIES
English & Social Studies

12th Grade English, Social Studies & Capstone Courses

ENGLISH 12 HONORS/ RESEARCH METHODS: THE ART OF INQUIRY & DISCUSSION

Department: Humanities
Grade Level: 12
Credit: 1
Prerequisites: English 11 or English Honors and Departmental Approval
Recommendation Required: ***YES***
Term: Fall

SUMMER READING AND WRITING REQUIRED

In English 12 Honors/Research Methods: The Art of Inquiry and Discussion, students will define personal topics of interest and curiosity. They will construct their own research plan to get to answers and a new level of understanding. Through this process, students will complete a variety of forms of research (primary and secondary), learn standard methods for disseminating their findings and begin to challenge traditional models of research presentation to think outside the box about how to critically evaluate what they uncover. Analytical and critical thinking, reading and writing skills, in addition to college preparation skills, comprise the focus of the course.

Since students will prepare for class expecting to add knowledge to their peers during the class period, Socratic Seminars and advanced assessment techniques will frequently be applied. College grammar, vocabulary and research mastery are demonstrated in reading comprehension, written analysis of literature and nonfiction, self-reflection and research-based writing. English 12 Honors carries weighted credit for final grades of A or B.

This course is best for students who hope to more deeply engage their curiosity and find like-minded thinkers who are willing to challenge one another. Students should only consider this course if they have achieved an A or B in English 11.

Admission to English 12 Honors/Research Methods: The Arts of Inquiry & Discussion requires a recommendation and departmental approval.

Summer reading and writing may be required; information can be found at: https://www.eastmountainhigh.net/summer-reading

HUMANITIES
English & Social Studies

12th Grade English, Social Studies & Capstone Courses

US GOVERNMENT

Department: Humanities
Grade Level: 12
Credit: 0.5
Prerequisite: US History or US History Honors
Recommendation Required: No
Term: Fall

US Government is designed to introduce students to our system of constitutional government and explores how citizens influence the decision-making process. Students will investigate the role and responsibility of citizens within our system of law and discuss the personal responsibilities necessary for the success of a democratic society. Topics will be studied with the aid of textbooks, primary source documents, Socratic seminars, individual research projects, group simulations, videos and presentations.

ECONOMICS

Department: Humanities
Grade Level: 12
Credit: 0.5
Prerequisites: US Government
Recommendation Required: No
Term: Spring

Economics is a required 0.5 credit class taken alongside students' 0.5 credit of Senior Seminar Capstone. The course is designed to help students understand issues related to scarcity and choice, opportunity costs and trade-offs, productivity, economic institutions and incentives, exchange/money and interdependence, markets and prices, supply and demand, governmental roles and influence and macroeconomic concepts, as well as international trade and competing global economic systems. The course will also surface considerations around personal finance: purchasing considerations, financial accounts and budgeting, loans and credit, investment and retirement, taxes and the job market. The coursework will be studied with the aid of textbooks, Socratic seminars, individual research projects, group simulations, government statistical data, videos and classroom presentations.

HUMANITIES
English & Social Studies

12th Grade English, Social Studies & Capstone Courses

SENIOR SEMINAR CAPSTONE

Department: Seminar & Capstone Courses
Grade Level: 12
Credit: 0.5
Prerequisites: Must be a Senior
Recommendation Required: No
Term: Spring

Senior Seminar Capstone is a required 0.5 credit class taken alongside students' 0.5 credit of Economics. The course is designed for seniors to reflect upon their growth at East Mountain High School and the ways in which they can deliberately shape their ideal future. Students will complete a number of required projects, most notably their final Senior Exhibition capstone project. There will be a number of reading and writing requirements associated with the class, exploring Personality, Happiness, Personal Values and more. This is a rigorous, reflective and fun end to students' academic careers at East Mountain.

THE SENIOR EXPERIENCE

Department: Seminar & Capstone Courses
Grade Level: 12
Credit: 1
Prerequisites: Must be a Senior
Recommendation Required: No
Term: Spring

In The Senior Experience course, students will:

- Develop a program for building their own career/college pathway by:
  - Pursuing an entrepreneurial concept;
  - Working in the field in an internship, mentorship or personal employment with the intent to pursue a career in this field;
  - Conducting a term-long service learning project; or
  - Building a non-profit that identifies a community need and fulfills that need.
- Meet with professionals who share students' love for what they hope to do.
- Learn to budget and manage their time.
- Learn to participate in the broader community beyond high school as an autonomous decision-maker.
- Check in with an advisor/facilitator who will assist students in making connections, building their program and communicating their growth.

Because this course is self-driven for an entire term, conferencing, research, creativity, critical thinking and personal networking will be necessary components for success. Students will be able to drive their own learning with guidance from professionals in their field. Students will set a schedule for success and meet with their advisor frequently. Students must commit to at least 60 hours of hands-on work and at least 40 hours of research/preparation.

MATHEMATICS

- A placement test is required for all incoming Freshmen.
- All math classes require a teacher and/or departmental recommendation.
- All Juniors must enroll in a math class, even if they have completed their required four credits in math.
- Seniors who have earned their four math credits are strongly encouraged to enroll in a dual credit math class, Chemistry, Physics or Advanced STEM Topics to maintain their math skills.

Math Courses

ALGEBRA 1A — PART 1

Department: Math
Grade Level: 9 & 10
Credit: 0.5
Prerequisites: Placement Test and Departmental Approval
Recommendation Required: ***YES***
Term: Fall

Algebra 1A — Part 1 is the first course in a two-term sequence of Algebra 1. Students will examine the properties of rational numbers (i.e. number theory), ratio, proportion, estimation, translate word problems into equations, the rectangular coordinate system and solving linear equations and inequalities, as well as systems of linear equations and inequalities. This course must be followed by Algebra 1B — Part 2 in order to receive full credit for Algebra 1.

ALGEBRA 1B — PART 2

Department: Math
Grade Level: 9 & 10
Credit: 0.5
Prerequisite: Algebra 1A — Part 1
Recommendation Required: ***YES***
Term: Spring

Algebra 1B — Part 2 is the second course in a two-term sequence of Algebra 1. Students will evaluate rational algebraic expressions, exponents and radicals. They will also operate with and factor polynomials and solve and graph simple quadratics. Enhancement topics could include quadratic applications.

MATHEMATICS

Math Courses

ALGEBRA 1

Department: Math
Grade Level: 9
Credit: 1
Prerequisites:

- A or B in 8th Grade Math;
- AND Placement Test and Departmental Approval

Recommendation Required: ***YES***

Students will examine the properties of rational numbers, the rectangular coordinate system, and will solve linear equations and inequalities and systems of linear equations and inequalities. They will operate with exponents and radicals, factor polynomials, solve and graph simple quadratics.

ALGEBRA 1 HONORS

Department: Math
Grade Level: 9
Credit: 1
Prerequisites:

- A, B or C in Algebra I; OR
- A, B or C in Algebra I Honors; OR
- A in 8th Grade Math;
- AND Placement Test and Departmental Approval

Recommendation Required: ***YES***

Students will analyze linear and quadratic situations through the use of graphs, tables and equations. To this end, students will explore: properties and operations of the real number system, evaluation of algebraic expressions, solving and graphing linear equations and inequalities, systems of linear equations and inequalities, exponents, radicals, operations with and factoring polynomials and applications of quadratic functions. Students are expected to have excellent math skills, as well as a solid work ethic to be successful in a fast-paced, in-depth math program. Algebra 1 Honors carries weighted credit for final grades of A or B.

Admission to Algebra 1 Honors requires a recommendation and departmental approval.

MATHEMATICS

Math Courses

GEOMETRY

Department: Math
Grade Levels: 9 - 12
Credit: 1
Prerequisites:

- Algebra 1A & 1B, Algebra 1 or Algebra 1 Honors; AND
- Placement Test (for incoming freshmen only) and Departmental Approval

Recommendation Required: ***YES***

Students will examine shapes from zero-dimensions (the point) to three-dimensions (a polyhedron). Students will develop skills in solving practical geometric problems with an emphasis on logical reasoning. Major topics explored include: analyzing characteristics of properties of one, two and three dimensional geometric objects, analyzing line and angle relationships, the difference between inductive and deductive logic, proving lines are parallel or perpendicular, proving triangles are congruent, exploring properties of triangles and quadrilaterals, using similarity and congruence to compare polygons and solve geometric problems, analyzing line and angle relationships, using coordinate geometry to analyze transformations and exploring properties of circles.

GEOMETRY HONORS

Department: Math
Grade Levels: 9 - 10
Credit: 1
Prerequisites:

Grade 9:

- A in Algebra 1 Honors AND
- Placement Test and Departmental Approval

Grade 10:

- A or B in Algebra 1 Honors; OR
- A in Algebra 1; OR
- Permission of Instructor for Algebra 1A & 1B
- Departmental Approval

Recommendation Required: ***YES***

Students will examine shapes from zero-dimensions (the point) to three-dimensions (a polyhedron). Students will develop skills in solving practical geometric problems with an emphasis on logical reasoning. Major topics explored are analyzing characteristics of properties of one, two and three dimensional geometric objects, analyzing line and angle relationships, the difference between inductive and deductive logic, proving lines are parallel or perpendicular, proving triangles are congruent, exploring properties of triangles and quadrilaterals, using similarity and congruence to compare polygons and solve geometric problems, analyzing line and angle relationships, using coordinate geometry to analyze transformations and exploring properties of circles. Hyperbolic and spherical geometry and non-Euclidean geometry will also be explored. Students are expected to have excellent math skills, as well as a solid work ethic to be successful in a fast-paced, in-depth math program. Geometry Honors carries weighted credit for final grades of A or B.

Admission to Geometry Honors requires a recommendation and departmental approval.

MATHEMATICS

Math Courses

PROBABILITY & STATISTICS

Department: Math
Grade Levels: 11 - 12
Credit: 1
Prerequisites: Geometry and Departmental Approval
Recommendation Required: ***YES***

This course is designed for students who have attained Algebra 1 and Geometry objectives. This course aims to support students in applying statistical concepts and methods to solve real-world problems and examine real-life scenarios based on data analysis. Four critical areas addressed in the course include: (1) Interpret categorical and quantitative data; (2) Make inferences and justify conclusions; (3) Apply conditional probability and probability rules and interpret data using rules of probability; (4) Apply probability to make decisions and use probability to evaluate outcomes of decisions. Appropriate use of technology is important in statistical applications.

ALGEBRA 2

Department: Math
Grade Levels: 9 - 12
Credit: 1
Prerequisites: Geometry and Departmental Approval
Recommendation Required: ***YES***

Students will analyze linear, quadratic, polynomial and exponential situations through the use of graphs, tables and equations. To this end, students will explore: solving and graphing equations, inequalities, and systems of equations and inequalities, simplification of expressions, solutions of equations, logarithms and the six basic trigonometric functions of right triangles.

ALGEBRA 2 HONORS

Department: Math
Grade Levels: 9 - 12
Credit: 1
Prerequisites:

- A or B in Geometry Honors; OR
- A in Geometry; AND
- Departmental Approval

Recommendation Required: ***YES***

Students will analyze linear, quadratic, polynomial and exponential situations through the use of graphs, tables and equations. To this end, students will explore: solving and graphing equations, inequalities and systems of equations and inequalities, simplification of expressions, solutions of equations, logarithms and the six basic trigonometric functions of right triangles. Algebra 2 Honors carries weighted credit for final grades of A or B.

Admission to Algebra 2 Honors requires a recommendation and departmental approval.

MATHEMATICS

Math Courses

PERSONAL & BUSINESS FINANCE

Department: Math
Grade Level: 12
Credit: 1
Prerequisites: Algebra 2A & 2B or Algebra 2 and Departmental Approval
Recommendation Required: ***YES***

This class focuses on real-world application of math skills, especially those used in two areas: Personal Finance and Critical Thinking. Students will review and reinforce existing math skills and make specific connections to how these skills can be used in a practical way. Familiarity and independence with budgeting, financial decision making and critical analysis of statistical information are the class goals. Students will study practical math skills and strategies, managing money, budgeting, managing expenses and statistics. The class will utilize a variety of projects and online tools to reinforce real-world application of skills and concepts and will use student needs and interests to develop areas of increased focus. This class does NOT meet NCAA course requirements.

FINANCIAL LITERACY — MATH

Department: Math
Grade Level: 12
Credit: 1
Prerequisites: Algebra 2A & 2B, Algebra 2, Algebra 2 Honors or MATH 1215 and Departmental Approval
Recommendation Required: ***YES***

The Financial Literacy – Math course satisfies the fourth year mathematics requirement and is designed to apply algebra, geometry and consumer topics to real life situations. The student gains an understanding of finance in mathematical terms and gains confidence in their ability to manage money as it pertains to their personal life. Topics include, but are not limited to, saving and investing, banking and other financial services, credit and debt, income taxes, insurance and risk management, money management and planning for retirement. The student acquires the consumer skills necessary to function productively and responsibly as they embark on a new life that prepares them for a career, post graduate studies, the world of work and independent living. This class does NOT meet NCAA course requirements.

MATHEMATICS

Math Courses

TRIGONOMETRY

Department: Math
Grade Levels: 10 - 12
Credit: 1
Prerequisites:

- Algebra 2, Algebra 2 Honors or MATH 1215 and Departmental Approval

Recommendation Required: ***YES***

Trigonometry is the further study of mathematical concepts building on previous math skills and an exploration of new ideas. In this class, students will further investigate right triangle trigonometric ratios, trigonometric functions of any angle, law of cosines and law of sines, sinusoidal functions and their applications. To prepare students for the Pre-Calculus Honors and Advanced Placement Calculus/Calculus Honors classes, an in-depth study of trigonometric identities and equations, functions and graphs, vectors, polar coordinates and complex numbers will also be studied.

PRE-CALCULUS HONORS

Department: Math
Grade Levels: 11 - 12
Credit: 1
Prerequisites: A or B in Trigonometry or Permission of Instructor AND Departmental Approval
Recommendation Required: ***YES***
Term: Fall

Pre-Calculus is a further study of mathematical concepts building on previous math skills and an exploration of new ideas. In this class, students will explore all functions, their graphs and behaviors. It will include linear, polynomial, rational, exponential and logarithmic functions. This course will also explore, in depth, conics, matrices, sequences and series. If time permits, limits and derivatives will be introduced to prepare for Calculus. This class is fast-paced for students who have demonstrated not only a propensity for mathematics, but a strong work ethic and superior organizational skills as well. Students are expected to have excellent math skills, as well as a solid work ethic to be successful in a fast-paced, in-depth math program. Pre-Calculus Honors carries weighted credit for final grades of A or B.

Admission to Pre-Calculus Honors requires a recommendation and departmental approval.

MATHEMATICS

Math Courses

CALCULUS HONORS (WITH ADVANCED PLACEMENT OPTION)

Department: Math
Grade Levels: 11 - 12
Credit: 1
Prerequisites: A or B in Pre-Calculus Honors or Permission of Instructor and Departmental Approval
Recommendation Required: ***YES***
Term: Spring

Calculus Honors is an in-depth study of calculus concepts and their applications. The ideas of calculus expand previous math skills and build a foundation for future math, physical sciences, engineering and social and biological science work. In this class, students will explore three big ideas: limits, derivatives and integrals. Students will apply their knowledge of concepts through problem solving, particularly with the Fundamental Theorem of Calculus, and enhance their mathematical communication skills by describing their processes.

Even though Calculus is an Honors course, it follows the College Board criteria for the Advanced Placement (AP) designation. Students who choose the AP option will be required to take the AP Calculus AB Exam in May at the student's expense. (The fee during the 2023-2024 school year was $98.) Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees. AP students will require time outside of class to review with previously released AP practice problems.

Students are expected to have excellent math skills, as well as a solid work ethic to be successful in this in-depth math program, whether the course is taken as Honors or AP. Calculus Honors or AP Calculus AB carries weighted credit for final grades of A or B.

Admission to Calculus Honors requires a recommendation and departmental approval.

MATHEMATICS

Math Courses

ADVANCED STEM TOPICS

Department: Science
Grade Levels: 11 - 12
Credit: 1
Prerequisite: Biology and Teacher Recommendation
Recommendation Required: ***YES***

This course is for exceptional students who are "up to something" in the STEM field. Do you have plans to enter a STEM related competition? Do you want to compete in some Game Jams (itch.io/jams)? Is there a research project you have been thinking about that you would like to pursue for a semester? Are you interested in learning Python and using it to solve Machine Learning problems on kaggle.com? If you answered "yes" to any of these questions then this is the place for you. Get the support you need to make your great ideas a reality. Current science teacher recommendation and signature required.

Advanced STEM Topics may be used to meet a student's 4th math credit.

DUAL CREDIT MATH

Department: Math
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Accuplacer Placement Testing or ACT/SAT Scores
Recommendation Required: ***YES***

Students are eligible to enroll in dual credit math classes if they meet the college's pre-requisite for the course.

Students may enroll in a dual credit math class to fulfill one of the four math credits required for graduation. However, MATH 1215 is equivalent to Algebra 2, so this course may not be used to fulfill a fourth math credit if the student already has high school credit for Algebra 2.

Students must work with the College & Career Readiness Counselor for all dual credit classes.

SCIENCE

Science Courses

- All freshmen are required to take Integrated Physics and Chemistry.
- All sophomores are required to take Biology.
- All students must take Environmental Science Honors as a junior OR senior.
- Students will have a choice of courses to choose from for their fourth science credit. Please pay particular attention to grade level requirements and prerequisites.

INTEGRATED PHYSICS AND CHEMISTRY

Department: Science
Grade Level: 9
Credit: 1
Prerequisite: None
Recommendation Required: No

Are you annoyed by the fierce wind in the springtime? Do you ever wish for a little more humidity and greenery? Have you ever thought of how these annoyances to you are critical in providing energy to our communities? This class helps you make sense of how the abundant renewable and nonrenewable energies we have in New Mexico are used to supply energy to our communities.

This required course for ninth graders relies heavily on hands-on activities to aid in the learning process and explores interesting scientific phenomena happening here in New Mexico. Among the concepts covered are: energy, motion and forces, matter (including atomic structure, states of matter, physical and chemical properties and changes) and the use of the Periodic Table. The class uses inquiry-based learning to emphasize critical thinking skills, problem solving skills and study skills that will benefit students in all areas of the science curriculum. Students leave with a strong understanding of chemistry and physics basics as well as practice applying them to current issues.

BIOLOGY

Department: Science
Grade Level: 10
Credit: 1
Prerequisite: Integrated Physics and Chemistry
Recommendation Required: No

Ever wondered what secrets lie at the core of life itself? In this required 10th grade course, students will explore modern life science through the prism of the Next Generation Science Standards (NGSS), unveiling the intricate dance of structure, function, interaction and change. We will dive into the molecular intricacies of organisms, the captivating realms of genetics, evolution and ecology, and the profound intersections of technology, history, politics and the environment within the biological landscape.

This course isn't just about absorbing knowledge; it's about honing critical thinking, data analysis and argumentation skills through hands-on scientific practices and an exploration of how biology intersects with societal issues and current events. Students will emerge not only as scientifically literate individuals, but as empowered citizens ready to navigate the complexities of our world.

SCIENCE

Science Courses

BIOLOGY HONORS

Department: Science
Grade Level: 10
Credit: 1
Prerequisite: Integrated Physics and Chemistry
Recommendation Required: No

Ever wondered what secrets lie at the core of life itself? In this required 10th grade course, students will explore modern life science through the prism of the Next Generation Science Standards (NGSS), unveiling the intricate dance of structure, function, interaction and change. We will dive deep into the molecular intricacies of organisms, the captivating realms of genetics, evolution and ecology, and the profound intersections of technology, history, politics and the environment within the biological landscape.

This course isn't just about absorbing knowledge; it's about honing critical thinking, data analysis and argumentation skills through hands-on scientific practices and an exploration of how biology intersects with societal issues and current events. Students will emerge not only as scientifically literate individuals, but as empowered citizens ready to navigate the complexities of our world.

Biology Honors carries weighted credit for final grades of A or B.

Admission to Biology Honors requires a recommendation and departmental approval.

ENVIRONMENTAL SCIENCE HONORS

Department: Science
Grade Levels: 11 - 12
Credit: 1
Prerequisite: Biology
Recommendation Required: No

Get an attitude about latitude! Have you ever considered that so much of history, culture, and even conflict are rooted in the environmental factors of a region? Water availability, the distribution of agriculture, and political strengths and vulnerabilities are incredibly dictated by the dynamic systems of a fascinating Earth. By more deeply understanding the functions and feedbacks of Earth's systems one may more deeply understand their place on this planet and their pivotal role in preserving the function and health of those systems. This is a required Science course to be completed either the 11th or 12th grade year.

SCIENCE

Science Elective Courses

The following courses fulfill a student's 4th science credit. The courses may also be taken as Electives. Please pay particular attention to grade level requirements and prerequisites.

ADVANCED STEM TOPICS

Department: Science
Grade Levels: 11 - 12
Credit: 1
Prerequisite: Biology and Teacher Recommendation
Recommendation Required: ***YES***

This course is for exceptional students who are "up to something" in the STEM field. Do you have plans to enter a STEM related competition? Do you want to compete in some Game Jams (itch.io/jams)? Is there a research project you have been thinking about that you would like to pursue for a semester? Are you interested in learning Python and using it to solve Machine Learning problems on kaggle.com? If you answered "yes" to any of these questions then this is the place for you. Get the support you need to make your great ideas a reality. Current science teacher recommendation and signature required. Advanced STEM Topics may be used to meet a student's 4th math credit.

ANATOMY AND PHYSIOLOGY

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Biology and Teacher Recomendation
Recommendation Required: ***YES***

Your head you'll be a scratchin', while thoughts are busy hatchin', because you do have a brain! Anatomy and Physiology will tickle those nerve cells as we explore the ins and outs, seriously, of the human body. Our hearts will pitter patter as we build the body from cell to system, through structure and function. So, use those phalanges and that very smart brain of yours, and register for Anatomy and Physiology.

SCIENCE

Science Elective Courses

ASTRONOMY AND 3D PRINTING

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Embark on a cosmic exploration of the vast unknowns of the universe in this captivating course! Delve into the mysteries of distant galaxies, planetary systems and the mesmerizing beauty of celestial bodies. But that's not all; immerse yourself in the cutting-edge technology of 3D printing, tailored specifically for space exploration. From crafting intricate models of planetary landscapes to designing innovative prototypes for future spacecraft components, students will harness the power of 3D printing to push the boundaries of our understanding of the cosmos.

Throughout this journey, we'll ponder one of humanity's most profound questions: is there life beyond Earth? While we delve into the general topics of astronomy, we'll investigate the conditions necessary for life to arise on other habitable planets and engineer prototype solutions to the challenges facing our burgeoning space-faring civilization. By mastering the fundamentals of scientific measurement, engaging with principles of design, and participating in citizen science initiatives aligned with current NASA research, students will not only expand their astronomical knowledge, but also earn micro-certification badges in the application of 3D printing technology.

But our journey doesn't end there; we'll also confront the technical, ethical and societal challenges inherent in solar system exploration and contemplate the future of human life beyond our home planet. Join us as we embark on this exhilarating voyage through the cosmos, where every discovery brings us closer to unraveling the mysteries of the universe and shaping the destiny of humanity among the stars.

SCIENCE

Science Courses

COMPUTER PROGRAMMING

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

This course teaches students how to create their own video games using the Unity (unity.com) developer environment and the C# programming language. Previous experience with computer programming is useful, but not required. Students start learning the Unity interface by building game levels from supplied assets, then move through a series of small game creation tutorials and, by the end of the class, students create their own small video game from scratch. Students learn classic computer science concepts like conditionals (if statements), looping, function calls and recursion.

GENERAL CHEMISTRY

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisites: Integrated Physics and Chemistry and Algebra 2
Recommendation Required: No

General Chemistry is a combined lecture and laboratory class that teaches new chemists the skills required to understand and perform chemical experiments. Students learn the language of chemistry (those ingredient labels will finally make sense), the math of chemistry and the physical dexterity required to use cool looking glassware in a laboratory setting. The course covers traditional introductory chemistry topics including the periodic table, stoichiometry, orbital theory of quantum mechanics, balancing chemical reactions and naming compounds. The course also discusses chemistry topics relevant to modern life, such as opioids, polyfluorinated alkyl substances (PFAS) and the hydrocarbon extraction industry.

SCIENCE

Science Courses

MESA

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

New Mexico Mathematics, Engineering and Science Achievement (NM MESA and/or MESA) is a pre-college program that provides a survey for students for college and careers in mathematics, engineering, science or technically related fields. MESA students participate in a variety of enriched math, science and engineering activities including field trips, speakers, workshops, regional and state-wide academic competitions, community service and leadership development projects.

NM MESA also offers a senior "Loyalty Award" to graduating high school seniors who enroll in college the fall after they graduate from high school. This award, which can be as much as $1,000 per student, is based on the student's MESA participation during middle and high school, academic grades and standardized test scores. MESA is also a student club at EMHS, but students are not required to join the club in order to take the class.

PHYSICS

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Integrated Physics and Chemistry and Algebra 2
Recommendation Required: No

This introductory physics class focuses on the energies that hold the universe together. Gravity and electromagnetism are studied extensively both in theory and through hands-on experimentation. This is a class where launching objects across the room might be a learning experience instead of just a way to get in trouble. The math required for this course is algebra, although we will occasionally hint at the calculus that is secretly behind all of Newtonian physics (it is not a coincidence that Newton popularized calculus while creating a new branch of physics). We apply the physical laws we learn in order to complete some engineering challenges in a friendly competition environment.

SCIENCE

Science Courses

ROBOTICS 1

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Welcome to the world of creating robots! Students build, code and manipulate their own robots to perform complicated tasks using VEX Exp robotics. This course provides context for teaching crucial scientific methods and practices, such as the scientific method, observation, experimentation, data collection and analysis.

Students learn fundamental engineering concepts: the engineering design cycle, how to maintain an engineering notebook, programming for both human control and autonomous robots and programming with sensors. Each team develops their own team branding and logo. Students use these concepts throughout the course as they construct, test, compete and iterate with their team's robot in a series of robot battles.

ROBOTICS 2

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Robotics 1
Recommendation Required: ***YES***

Welcome back to Robotics 2, where the journey into the realm of robotics reaches new heights! Building upon the foundational skills acquired in Robotics 1, students now delve deeper into the world of robotics using the advanced VEX V5 system. In this course, students will form teams and embark on an exhilarating challenge: designing and constructing a robot to compete in the annual VEX competition league in Albuquerque. Throughout the term, students will tackle the year's VEX competition game, which evolves annually, applying their expertise in engineering and programming to create a winning robot. Integral to the process is the development of a comprehensive engineering notebook to document their project and vie for awards. With a focus on collaboration, critical thinking and innovation, students will push the boundaries of robotics as they prepare for the ultimate test in the arena.

SCIENCE

Science Courses

SCIENCE AND PSYCHOLOGY

Department: Science
Grade Levels: 11 - 12
Credit: 1
Prerequisite: Biology
Recommendation Required: No

What is the mind? Are we born with a blank slate? How do we know the things we do? How, as a species, do our minds change over time? Can we adapt as quickly as our environment changes? Examine the complexity of the brain as we create and learn more about the human psyche and ourselves. Students will select and drive our explorations through topics such as, neurochemistry, evolutionary psychology and comparative anatomy, to ultimately better understand the development of our minds through history and experience.

WILDLIFE MANAGEMENT

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Biology
Recommendation Required: No

This course introduces students to the principles of wildlife management and conservation and to opportunities for further education and careers in the field of wildlife biology. The course includes instruction in the history of wildlife management, ecological concepts, habitat assessment, habitat management techniques for wildlife, population dynamics, predator-prey relationships, wildlife species biology and identification, human-wildlife conflict resolution, the role of hunting in conservation, game and fish laws and regulations, hunter safety and the application of scientific principles to managing wildlife habitats and populations.

WORLD LANGUAGES

World Language Courses

FRENCH 1

Department: World Languages
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Designed for students with no previous exposure to French, this course develops basic listening, speaking, reading and writing skills at the novice level and in an immersive environment. This is an introductory course aimed at teaching the student to communicate in French in everyday situations and to develop an understanding of French and Francophone cultures through the identification of cultural products and practices, of cultural perspectives and the ability to function at a survival level in an authentic cultural context. This course will also develop the student's sense of personal and social responsibility through the identification of social issues.

This course must be immediately followed by French 2 the next term it is offered if taken to fulfill the World Language requirement.

FRENCH 2

Department: World Languages
Grade Levels: 9 - 12
Credit: 1
Prerequisite: French 1
Recommendation Required: No

This course develops upon the listening, speaking, reading and writing skills established in French I. This immersion based course will enable students to reach a novice-high/intermediate-low level, wherein students are able to navigate more complex daily interactions and fine-tune their understanding of French and Francophone cultures. Students will work in interpersonal, interpretive and presentational communication contexts in order to heighten their language control, vocabulary and cultural awareness. This course will also develop further the student's sense of personal and social responsibility through the identification of social issues and varying cultural perspectives.

WORLD LANGUAGES

World Language Courses

SPANISH 1

Department: World Languages
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Spanish 1 is an introduction to the Spanish language. The curriculum taught is comprehension-based and comes from author/educator Martina Bex's Comprehensible Classroom curriculum entitled SOMOS. Learning occurs through the four modalities: reading, speaking, listening, writing with an emphasis on reading and listening for comprehension purposes. Content is taught via units that feature core vocabulary, songs, discussing our lives, storyasking, fictional readings and cultural readings. Students enrolled in Spanish One are considered to be proficient at the novice level.

This course must be immediately followed by Spanish 2 the next term it is offered if taken to fulfill the World Language requirement.

SPANISH 2

Department: World Languages
Grade Levels: 9 - 12
Credit: 1
Prerequisite: Spanish 1
Recommendation Required: No

This course is a continuation of Spanish Level 1 as an introduction to the Spanish language. The curriculum taught is comprehension-based and comes from author/educator Martina Bex's Comprehensible Classroom curriculum entitled SOMOS. Learning occurs through the four modalities: reading, speaking, listening, writing with an emphasis on reading and listening for comprehension purposes. Content is taught via units that feature core vocabulary, songs, discussing our lives, storyasking, fictional readings and cultural readings. Students enrolled in Spanish Two are considered to be proficient at the novice-mid level.

Incoming Freshmen intending on enrolling in Spanish 2 without taking Spanish 1 at EMHS must submit a transcript with high school Spanish 1 credit awarded in 8th grade in order for the credit to be recognized. Otherwise, students will still be required to fulfill two credits in high school Spanish, in this case Spanish 2 and 3.

PHYSICAL EDUCATION

Physical Education Course

PHYSICAL EDUCATION

Department: Physical Education
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Physical Education involves many activities designed to get the student moving and into shape. A thorough warm-up including cardiovascular, flexibility and strength exercises is done daily. Students participate in a wide variety of team, individual and dual sports/activities, with the goal of students finding activities that they can participate in in life after high school. Students are also expected to gain cognitive knowledge on physical health through reading and lectures. At EMHS, the Physical Education class is highly active and involved in improving fitness through awesome activities.

HEALTH AND FRESHMAN SEMINAR

Health & Freshman Seminar Courses

For the Class of 2026 and beyond, Health and Freshman Seminar are required for all incoming Freshmen in the Fall Term.

HEALTH

Department: Health
Grade Level: 9
Credit: 0.5
Prerequisite: None
Recommendation Required: No

The Health Education program focuses on all aspects of health. The emphasis in the Health Education program is to develop personal health goals and a general understanding of the skills needed to live a healthy lifestyle. Core health concepts include: mental and emotional health, alcohol, tobacco and other drugs, personal and consumer health, family life, human growth and development, safety/injury prevention, nutrition, fitness and disease prevention and control. The Health Education course is a graduation requirement. In the end, every decision in life is a health decision in some way.

FRESHMAN SEMINAR

Department: Electives
Grade Level: 9
Credit: 0.5
Prerequisite: None
Recommendation Required: No

Freshman Seminar is a 0.5 credit class taken alongside students' 0.5 credit of Health. This course is designed to help students get the most from their high school experience through a process of careful self-reflection. Students in Seminar will reflect on their personal and academic goals, develop a plan for getting the most out of their time at East Mountain High School and consider how they might capitalize on areas of strength and address areas of growth. Additionally, students will receive instruction and support in developing their own unique toolkit for the academic and social challenges to come, in high school and beyond.

The following courses are POSSIBLE Elective Offerings for the 2024 – 2025 School Year. Not all courses will be offered, so be sure to make alternate elective requests. Please pay particular attention to any grade level, prerequisite and recommendation requirements.

ELECTIVES
College & Career-Related

College & Career-Related Elective Course

COLLEGE & CAREER EXPLORATIONS

Department: College & Career-Related Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

This course provides students with the opportunity to develop concepts of "work", explore the many ways people impact and interact with the world and their communities through their careers and practice skills important for post-secondary learning opportunities and career attainment. Students will use hands-on projects, research and discussion to explore different career fields in depth, as well as foster a sense of importance for choosing careers that are meaningful and interesting.

This course will also introduce students to the academic and personal skills essential for high school and college success. Topics include techniques for time management, learning strategies, test preparation, decision making, critical thinking and applied research. Students learn to create success by applying proven principles for active learning, self-motivation, self-management, self-awareness and interdependence.

For the Class of 2025 and beyond, a College or Career-Related Elective is required and may be taken anytime from freshman to senior year.

ELECTIVES
Computer Graphics

Computer Graphics Elective Course

ADOBE PHOTOSHOP

Department: Fine Arts or General Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

This course is an introduction to the Adobe Photoshop software. The objective of Adobe Photoshop is to enable students to freely experiment with, transform and create images. A fundamental knowledge of Photoshop tools has become essential in web design, graphics art and advertising, and they can have tremendous value in creative fine arts. Topics will include AI generation masking techniques, using selection tools, painting and adjustment tools, graphic design and learning to create vector shapes and paths. Each student will show their accumulated skills by progressively creating more complex images through project based curriculum. Image file types, resolution and preparing images for output will be covered in greater depth as the course progresses. For the final project, each student will show their accumulated skills by creating a movie poster with multiple images, advanced compositing techniques, as well as typography. Students will need to purchase a 32gb or larger USB drive for this class.

Photoshop meets the Fine Arts requirement for graduation.

COMPUTER PROGRAMMING

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

This course teaches students how to create their own video games using the Unity (unity.com) developer environment and the C# programming language. Previous experience with computer programming is useful, but not required. Students start learning the Unity interface by building game levels from supplied assets, then move through a series of small game creation tutorials and, by the end of the class, students create their own small video game from scratch. Students learn classic computer science concepts like conditionals (if statements), looping, function calls and recursion.

ELECTIVES
Computer Science

Computer Science Elective Courses

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

Department: General Elective
Grade Levels: 10 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No
Terms: FULL YEAR Course (Fall & Spring)

Advanced Placement Computer Science Principles is offered for FREE through a grant with the National Math & Science Initiative's Rural Access College Readiness Program. The course is offered online through VHS Learning. Students must be self-motivated and responsible for their own learning. Students are expected to be self-starters who can complete an online course independently. This is a FULL YEAR course and does not follow the block schedule or EMHS's terms.

The AP Computer Science Principles course is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet and the global impact of computing.

Students enrolled in AP Computer Science Principles are required to take the AP Computer Science Principles Exam in May at the student's expense. (The fee during the 2023-2024 school year was $98.) Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees.

AP Computer Science Principles carries weighted credit for final grades of A or B. Students who pass the AP Exam with a score of 3, 4 or 5 may be eligible for a $100 stipend from the Math & Science Initiative.

For detailed information on the course, please visit: https://apcentral.collegeboard.org/courses/ap-computer-science-principles?course=ap-computer-science-principles

ELECTIVES
Fine Arts

Fine Arts Elective Courses

BRUSHSTROKES & BEYOND: PAINTING 101

Department: Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: Creative Art
Recommendation Required: No

This painting course offers a comprehensive exploration of various techniques, styles and approaches to the art of painting. Students will delve into the fundamentals of composition, color theory, brushwork and perspective to develop their skills.

Students will engage in hands-on exercises and projects designed to foster creative problem solving. The class will use various painting mediums including, but not limited to, tempera paint, acrylic paint and watercolors. Emphasis will be placed on understanding the qualities of each medium as well as learning their proper application techniques.

By the end of this course students will have developed a portfolio or work that showcases their growth and proficiency as painters.

CREATIVE ART

Department: Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Creative Art is an introductory course to principles of two-dimensional and three-dimensional art. This course will primarily be a project based course, however, a strong emphasis on art history and the elements and principles of design will be incorporated. Drawing is a cornerstone to all areas of artistic expression and mastering a basic set of skills is essential. Students will have experiences in a variety of painting techniques. Experiences in working three dimensionally will also be an aspect of this course. Students will learn how to work in the round and apply their knowledge of elements and principles of design to the three dimensional form. Students will work on planning projects from start to finish, as well as learning what will work functionally as well as stylistically. Students will be introduced to the vocabulary that corresponds to having a dialogue about art and the artistic process. Students will learn how to use this vocabulary and appropriate critiquing styles to evaluate works of art and verbalize opinions about their personal expressions. Possible units/mediums may include: pencil, ink, tempera paint, acrylic paint, chalk pastels, print- making, paper cuts, ceramics and paper mache.

Creative Art meets the Fine Arts requirement for graduation.

ELECTIVES
Fine Arts

Fine Arts Elective Courses

THE DRAWING LAB: DRAWING 101

Department: Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: Creative Art
Recommendation Required: No

This drawing class is an immersive exploration of the art of drawing. The course is designed to introduce students to fundamental drawing techniques, principles of composition and the development of observational skills. Throughout the term students will use a variety of media to engage in drawing exercises and projects aimed at honing their creative abilities and problem solving skills.

By the end of the term, students will have developed a portfolio of drawings that demonstrates their technical proficiency, creativity and growth as artists. The Drawing Lab, Drawing 101 empowers students to appreciate the power of drawing as a means of communication, self expression and cultural enquiry.

THE ORIGINAL INFLUENCERS: ART, ARCHITECTURE, DESIGN & FASHION THROUGH TIME

Department: Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Have you ever wondered what was the super cool "it thing" for people living through the ages? What kind of art did they like? What kind of homes did they live in and how did they decorate them? What kind of clothes did they wear and why? And how did all of these things change over time? These are some of the things we will be looking into in this class. Learning will be based on group discussions, reading, games, hands-on activities and writing.

The Original Influencers meets the Fine Arts requirement for graduation.

ELECTIVES
General

General Elective Courses

ONLINE COURSE

Department: General Elective
Grade Levels: 10 - 12
Credit: Not offered for credit; Credit comes from the online course in which the student is enrolled.
Prerequisites: None
Recommendation Required: No

This course is intended for students who desire a quiet place to complete online coursework on campus. Students must be self-motivated and responsible for their own learning. Students are expected to be self-starters who can complete an online course independently. Students are responsible for managing their online course platform and submitting all assignments independently and in a timely manner.

Course credit comes from the online course in which the student is enrolled.

STRUCTURED STUDY HALL

Department: General Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: Current Special Education IEP
Recommendation Required: ***YES***

This course is intended to provide students who are on an IEP with the opportunity to complete assignments in a quiet, supervised and structured environment. Additionally, students will focus on improving organizational skills. The student must have an Individualized Education Program (IEP) or 504 Plan and a recommendation from the Special Education department. (This course is not intended for students with a Gifted IEP.)

ELECTIVES
General

General Elective Courses

STUDY SKILLS & STRATEGIES

Department: General Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: ***YES***

The student must be a part of the school's intervention program and be placed in the class by the Intervention Team. This course is intended to provide students with the opportunity to develop their study skills and complete assignments in a quiet, supervised and structured environment. Additionally, students will focus on communication, advocating and improving using their executive functioning skills.

TEACHER'S AIDE

Department: General Elective
Grade Levels: 9 - 12
Credit: Not offered for credit
Prerequisite: None
Recommendation Required: No

Credit is not awarded for being a teacher's aide. Up to 10 hours of community service may be awarded at the teacher's discretion. It is the student's responsibility to log the hours in x2VOL. This course may NOT be used to meet the three-course minimum for NMAA athletics or activities.

ELECTIVES
Humanities

Humanities Elective Courses

COMMUNICATIONS: SPEECH & DEBATE

Department: Humanities or Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Speech & Debate has been called the most important activity a high school student can participate in by numerous college admissions officers. No other activity is as successful in teaching students critical thinking, research and public speaking skills. This class will explore both Speech AND Debate as forms of persuasion. In Speech, students will research topics important to themselves and craft a persuasive speech. Students will also participate in Interpretation, where scenes from plays, movies or books are memorized and presented in their own unique way. In Debate, students will be assigned topics that they must defend and oppose. Students will research the issues introduced and craft arguments that support their side. This course is designed to complement the EMHS Speech & Debate program that competes at tournaments throughout the state. While every student who enrolls in this course is not required to become an official member of the EMHS Speech & Debate Team, every student will be required to participate in at least one local tournament. This course also meets the Fine Arts requirement for graduation.

CONTEMPORARY ISSUES THROUGH FILM

Department: Humanities Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

We often look to films for messages about how we should live our lives. This elective class incorporates documentaries, mainstream movies and other social issue films to expose students to today's critical issues, to teach media literacy and promote civic engagement in classroom discussion, and to inspire them to find their own voice on matters of universal civic importance. Topics like education, race, gender, the environment and sustainability, family, globalization, economics, food, health, energy, human rights and conflict will serve as a springboard for further analysis, research and investigation. Students will explore a variety of issues, and the ability to have an open mind and curiosity to delve into various viewpoints is encouraged. Please note, some films may explore mature themes or be rated R and will require parental/guardian permission.

ELECTIVES
Humanities

Humanities Elective Courses

CONTEMPORARY WORLD ISSUES

Department: Humanities Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

This class is for students interested in having meaningful, complex, interesting (and bi-partisan) discussions about the ever-changing world we live in today. This course will study various political, economic and social issues facing the globe. Current events such as climate change, immigration, education, human rights violations, crime/violence and healthcare can be some of the many topics covered in this class and the focus of the films watched and articles read about. Another emphasis may be on historical causes like the Holocaust, possible solutions to these issues, the upstanders involved in them and how these historical events shape our world today.

Students are expected to participate in class discussions and group activities regularly and create a video for the Behind the Lens end-of-term project. They are to keep their notebook up-to-date. Students are expected to keep up with readings from various assigned sources and be present during the presentation of a film/documentary and engage in daily discussions. Students will conduct independent and guided research on a problem in their community (global or local) by working alongside the New Mexico Holocaust and Intolerance Museum. This research will be creating a three to six minute video, writing an inquiry paper and creating a movie poster about a problem in their community and a plan to solve this issue.

ELECTIVES
Humanities

Humanities Elective Courses

CREATIVE WRITING

Department: Humanities or Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Students will explore the relationships between words and thoughts, thoughts and expression, writing and speech, speaker and audience, individual and society. Students will explore the role of the writer and the various genres of writing. From poetry and short stories to daily journaling, this course will develop creativity and writing skills. The course will include reading and writing of both nonfiction and fiction from a genre based approach. We will expand our powers of observation, imagination and language. Ideas will be sparked, confidence acquired and the pleasure of writing explored. The course will build on students' interest and passion as well. Students work to develop vocabulary, sentence structure, imagery and descriptive storytelling skills through peer editing, workshopping and revision. This course also meets the Fine Arts requirement for graduation.

MULTIMEDIA JOURNALISM & YEARBOOK

Department: Humanities or Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Multimedia Journalism & Yearbook is a class in which students will document the story of the year through interviews, journalistic photography and journalistic writing, including captions, feature stories and student profiles. Class activities will include the production of the annual yearbook, including concept, page design, photography, writing, advertising and sales. Skills taught through the class include digital photography, interviewing, journalistic writing and the use of graphic design software.

The Multimedia Journalism & Yearbook class is ideal for students who enjoy hands-on learning through doing and for students with a commitment to high standards of excellence. Work outside of the classroom will be required. Opportunities for leadership abound and the class may be repeated for credit with the permission of the instructor.

This course meets the Fine Arts requirement for graduation.

ELECTIVES
Humanities

Humanities Elective Courses

PHILOSOPHY

Department: Humanities
Grade Level: 12
Credit: 1
Prerequisite: English 11 or English 11 Honors
Recommendation Required: No
Term: Spring

Philosophy is an intensive dive into timeless questions—debates around the nature of free will, morality, love, art, politics and culture are all up for grabs. Much of the course is rooted in careful reading of some truly difficult texts, and the class moves with a relatively steady clip. Students should anticipate a great deal of discussion that lingers on details and subtext, and then prepare their own writing that cleanly makes sense of their thinking and intuitions. Students will come away with several tools for considering difficult problems in the humanities, with an opportunity near the end to consider a question of their choosing. This class is not for the faint of heart: the subjects are both academically and personally challenging in the very best way.

POLITICAL SCIENCE: MODEL UNITED NATIONS

Department: Humanities Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Model United Nations is an elective course that simulates the committees, debates, activities, and operation of the United Nations. This course also involves the analysis of significant factors in world politics, including nationalism, national interest, political economy, ideology, international conflict and collaboration, balance of power, international law and international organization. Students are expected to research, debate, problem-solve and write proposals on world issues while simulating the committees of the United Nations. Students will also attend the competitive and statewide NMMUN conference in Santa Fe, NM to work with other schools on solving the world's issues through drafting and passing resolutions. At East Mountain High School, our MUN Club has traveled to Santa Fe, New York and Berkeley. The EMHS MUN Club also plans to host a conference in Spring 2024 for local middle schools.

ELECTIVES
Humanities

Humanities Elective Courses

INTRO TO PSYCHOLOGY

Department: Humanities Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Why do we dream, and what do dreams mean? Are you in control of your emotions, or are they in control of you? Why can we ride horses, but not zebras? This introductory course in Psychology will tackle these questions and more, as we cover human development, mental illness, where our personalities come from and how biological, social and environmental factors influence the ways we think, act and feel. This course will also cover pigeon-guided missiles, why every driver on the road is an idiot except you and the magic number for happy relationships.

ELECTIVES
Humanities

Humanities Elective Courses

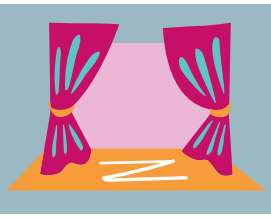
SOCIETY AND HUMAN RIGHTS

Department: Humanities Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

In this course, students will focus on the Holocaust and human rights issues with mentioning of other genocides such as the Armenian and Rwandan Genocides. The Holocaust and human rights movements are important to communities large and small because they are the basic rights we have as human beings, no matter our ethnicity, creed or political background. Human rights allow us to live alongside others with freedom, respect and equality, and give us the power to stand up and speak out to the injustices we see.

Due to the importance of these topics, this course will identify universal human rights and will examine how our understanding of those rights has evolved over time in the United States and around the world through the use of music, films, documentaries, testimonies and other primary and secondary sources. The human rights themes in various political movements will be examined, explored and discussed throughout this course. We will focus on gaining a better understanding of the perpetrators, victims, bystanders and upstanders who played their part in each of these periods.

Students are expected to participate in daily class discussions and group activities regularly and complete a music album with original art for the end-of-term project. They are to keep their notebook up-to-date. Students are expected to keep up with two novels and various readings from various assigned sources, and be present during the presentation of a film/documentary. Students will conduct independent and guided research on past and current human rights abuses and human rights activism through projects and discussions. Students will create a music album with original art, write an inquiry paper and create several projects about a human rights issue in their community and around the world.



ELECTIVES
Performing Arts

Performing Arts Elective Courses

DRAMA 1

Department: Humanities or Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

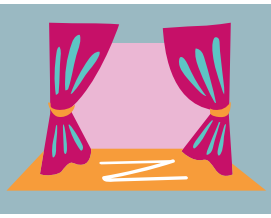
Drama 1 is designed to give the beginning drama student an overview of the techniques involved in acting and stage production including: vocal work, movement and performance. The class will consist of acting techniques, movement for stage, directing, design and critique. An ensemble approach will be emphasized to create a productive and positive performance environment. Students will be expected to attend both a professional and an amateur theater performance during the term and provide a written critique of these performances. Students must come to this class with an open mind and a complete willingness to participate in all activities!

This course meets the Fine Arts requirement for graduation.

DRAMA 2

Department: Humanities or Fine Arts Elective
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Drama 1
Recommendation Required: No

Drama 2 is designed to give more advanced instruction in the process of creating successful dramatic productions. Advanced acting and directing techniques is the focus of this class including: characterization, styles, movement, stage management and stage make-up. Students will also read plays which demonstrate dramatic styles and movements in theater. Students will be expected to attend a theater performance during the term and provide written critiques of this performance. Students of Drama 2 should be dedicated to theater and building on the skills they gained in Drama 1.



ELECTIVES
Performing Arts

Performing Arts Elective Courses

MUSIC COMPOSITION 1/ FUNDAMENTALS

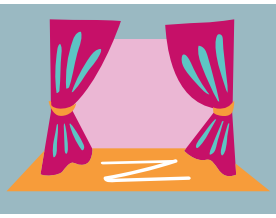
Department: Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Music Composition 1 – Fundamentals is an introductory class aimed at familiarizing the new or experienced music student with music theory and basic music composition skills. Students will be introduced to composition techniques through lessons focused on chords and melody. Each student will learn standard notation reading skills, chord theory, scale theory, ear training and song structure. Students will be assessed through small music theory exercises and small compositions, as well as large scale, multi-instrument compositions. All instruments are welcome in Music Composition 1. This course meets the Fine Arts requirement for graduation.

MUSIC COMPOSITION 2

Department: Fine Arts Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: Music Composition 1 - Fundamentals
Recommendation Required: No

Music Composition 2 is a more in-depth study of music composition. All instruments are welcome. Students will learn about diatonic and non-diatonic chord theory, melodic phrasing, ostinato techniques and musical song forms, as well as using expression tools. Each student will compose musical pieces using techniques discussed in class for string ensemble, choir SATB settings, woodwinds, brass and percussion settings. The final project of the course will be to compose a Symphony for 18 instruments.



ELECTIVES
Performing Arts

Performing Arts Elective Courses

RECORDING ARTS

Department: Fine Arts Elective
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Music Composition 2, Audition and Permission of Instructor
Recommendation Required: ***YES***

The Recording Arts and Contemporary Music Ensemble class is for the intermediate to advanced musician who feels they have reached a level of proficiency on their own instrument and is interested in learning how to perform with other musicians in a contemporary music setting. Topics will include song writing tips, common performance practice, rehearsal etiquette, the music business, and most importantly: how to record music. Students will use basic recording techniques and practices in the school's Digital Recording Studios. Students will not only be able to record their own music and learn what it takes to perform in a recording studio; they will also have the opportunity to produce others' music to learn the production and arrangement aspect of recording. This class will be an intense study in performing and recording and is for the student who is serious about music, their instrument and getting along well with other musicians. Students must be open to ALL genres of music. Assessment will be based on creative input, effort, live performances and recordings. An audition is required.

ELECTIVES
Physical Education

Physical Education Elective Courses

ADVANCED TEAM GAMES

Department: Physical Education Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: PE
Recommendation Required: No

Advanced Team Games is an elective Physical Education class that offers a wide variety of different team and dual sports. A thorough warm-up including cardiovascular, flexibility and strength exercises is done daily. A wide variety of different sports, games and activities are covered in this course. Being an elective Physical Education class, games are typically more competitive and allow students to explore different activities for life after high school and understand the importance of lifelong physical activity.

Students must have credit in PE, either from completing and passing a Physical Education class or from using the Athletics for PE Waiver.

WEIGHT TRAINING

Department: Physical Education Elective
Grade Levels: 9 - 12
Credit: 1
Prerequisite: PE
Recommendation Required: No

This class is offered to students who have successfully completed Physical Education and have a desire to advance their physical conditioning.

Why? To offer all students an opportunity to attain their physical potential in a closely supervised environment.

How? The East Mountain program is based on five major free weight lifts: Squat, Bench, Clean, Shoulder Press and Dead Lift upon which students are graded. There are also selected auxiliary lifts designed to complement the five core lifts. Students will also engage in other selected activities such as plyometrics, agility/quickness drills, flexibility and sport specific skills. The Five Lift Free Weight Format has been selected because these lifts require coordination of the lifter's large muscle groups as opposed to isolating on specific muscles as in a body building system. Students are tested on the five core lifts twice a marking period.

Students must have credit in PE, either from completing and passing a Physical Education class or from using the Athletics for PE Waiver.

SCIENCE

Science Elective Courses

Although the following courses fulfill a student's 4th science credit, they may also be taken as Electives and used towards the Timberwolf Diploma of Excellence in Science. Please pay particular attention to grade level requirements and prerequisites.

ADVANCED STEM TOPICS

Department: Science
Grade Levels: 11 - 12
Credit: 1
Prerequisite: Biology and Teacher Approval
Recommendation Required: ***YES***

This course is for exceptional students who are "up to something" in the STEM field. Do you have plans to enter a STEM related competition? Do you want to compete in some Game Jams (itch.io/jams)? Is there a research project you have been thinking about that you would like to pursue for a semester? Are you interested in learning Python and using it to solve Machine Learning problems on kaggle.com? If you answered "yes" to any of these questions then this is the place for you. Get the support you need to make your great ideas a reality. Current science teacher recommendation and signature required. **Advanced STEM Topics may be used to meet a student's 4th math credit.**

ANATOMY AND PHYSIOLOGY

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Biology and Teacher Approval
Recommendation Required: ***YES***

Your head you'll be a scratchin', while thoughts are busy hatchin', because you do have a brain! Anatomy and Physiology will tickle those nerve cells as we explore the ins and outs, seriously, of the human body. Our hearts will pitter patter as we build the body from cell to system, through structure and function. So, use those phalanges and that very smart brain of yours, and register for Anatomy and Physiology.

SCIENCE

Science Elective Courses

ASTRONOMY AND 3D PRINTING

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: Biology
Recommendation Required: No

Embark on a cosmic exploration of the vast unknowns of the universe in this captivating course! Delve into the mysteries of distant galaxies, planetary systems and the mesmerizing beauty of celestial bodies. But that's not all; immerse yourself in the cutting-edge technology of 3D printing, tailored specifically for space exploration. From crafting intricate models of planetary landscapes to designing innovative prototypes for future spacecraft components, students will harness the power of 3D printing to push the boundaries of our understanding of the cosmos.

Throughout this journey, we'll ponder one of humanity's most profound questions: is there life beyond Earth? While we delve into the general topics of astronomy, we'll investigate the conditions necessary for life to arise on other habitable planets and engineer prototype solutions to the challenges facing our burgeoning space-faring civilization. By mastering the fundamentals of scientific measurement, engaging with principles of design, and participating in citizen science initiatives aligned with current NASA research, students will not only expand their astronomical knowledge, but also earn micro-certification badges in the application of 3D printing technology.

But our journey doesn't end there; we'll also confront the technical, ethical and societal challenges inherent in solar system exploration and contemplate the future of human life beyond our home planet. Join us as we embark on this exhilarating voyage through the cosmos, where every discovery brings us closer to unraveling the mysteries of the universe and shaping the destiny of humanity among the stars.

ELECTIVES
Science

Science Elective Courses

ADVANCED PLACEMENT BIOLOGY

Department: Science Elective
Grade Levels: 11 - 12
Credit: 1
Prerequisite: Biology (Required); Chemistry (Recommended)
Recommendation Required: No

This is an elective course earning college credit and is not intended to replace the required EMHS Biology class. Advanced Placement Biology is offered for FREE through a grant with the National Math & Science Initiative's Rural Access College Readiness Program. The course is offered ONLINE through VHS Learning. Students must be self-motivated and responsible for their own learning. Students are expected to be self-starters who can complete an online course independently. This is a FULL YEAR course and does not follow the block schedule or EMHS's terms.

AP Biology studies the core scientific principles, theories and processes that govern living organisms and biological systems. Students will investigate natural phenomena. Students will design experiments and procedures to test a prediction or theory, collect and analyze data, interpret data to draw conclusions and develop and support a scientific claim with evidence.

Students enrolled in AP Biology are required to take the AP Biology Exam in May at the student's expense. (The fee during the 2023-2024 school year was $98.) Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees. AP Biology carries weighted credit for final grades of A or B. Students who pass the AP exam with a score of 3, 4 or 5 may earn $100 from NMSI.

For detailed information on the course, please visit: https://apstudents.collegeboard.org/courses/ap-biology

SCIENCE

Science Elective Courses

COMPUTER PROGRAMMING

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

This course teaches students how to create their own video games using the Unity (unity.com) developer environment and the C# programming language. Previous experience with computer programming is useful, but not required. Students start learning the Unity interface by building game levels from supplied assets, then move through a series of small game creation tutorials and, by the end of the class, students create their own small video game from scratch. Students learn classic computer science concepts like conditionals (if statements), looping, function calls and recursion.

GENERAL CHEMISTRY

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisites: Integrated Physics and Chemistry and Completion of or Concurrent Enrollment in Algebra 2
Recommendation Required: No

General Chemistry is a combined lecture and laboratory class that teaches new chemists the skills required to understand and perform chemical experiments. Students learn the language of chemistry (those ingredient labels will finally make sense), the math of chemistry and the physical dexterity required to use cool looking glassware in a laboratory setting. The course covers traditional introductory chemistry topics including the periodic table, stoichiometry, orbital theory of quantum mechanics, balancing chemical reactions and naming compounds. The course also discusses chemistry topics relevant to modern life, such as opioids, polyfluorinated alkyl substances (PFAS) and the hydrocarbon extraction industry.

SCIENCE

Science Elective Courses

MESA

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

New Mexico Mathematics, Engineering and Science Achievement (NM MESA and/or MESA) is a pre-college program that provides a survey for students for college and careers in mathematics, engineering, science or technically related fields. MESA students participate in a variety of enriched math, science and engineering activities including field trips, speakers, workshops, regional and state-wide academic competitions, community service and leadership development projects.

NM MESA also offers a senior "Loyalty Award" to graduating high school seniors who enroll in college the fall after they graduate from high school. This award, which can be as much as $1,000 per student, is based on the student's MESA participation during middle and high school, academic grades and standardized test scores. MESA is also a student club at EMHS, but students are not required to join the club in order to take the class.

PHYSICS

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Integrated Physics and Chemistry
Recommendation Required: No

This introductory physics class focuses on the energies that hold the universe together. Gravity and electromagnetism are studied extensively both in theory and through hands-on experimentation. This is a class where launching objects across the room might be a learning experience instead of just a way to get in trouble. The math required for this course is algebra, although we will occasionally hint at the calculus that is secretly behind all of Newtonian physics (it is not a coincidence that Newton popularized calculus while creating a new branch of physics). We apply the physical laws we learn in order to complete some engineering challenges in a friendly competition environment.

SCIENCE

Science Elective Courses

ROBOTICS 1

Department: Science
Grade Levels: 9 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Welcome to the world of creating robots! Students build, code and manipulate their own robots to perform complicated tasks using VEX Exp robotics. This course provides context for teaching crucial scientific methods and practices, such as the scientific method, observation, experimentation, data collection and analysis.

Students learn fundamental engineering concepts: the engineering design cycle, how to maintain an engineering notebook, programming for both human control and autonomous robots and programming with sensors. Each team develops their own team branding and logo. Students use these concepts throughout the course as they construct, test, compete and iterate with their team's robot in a series of robot battles.

ROBOTICS 2

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisite: None
Recommendation Required: No

Welcome back to Robotics 2, where the journey into the realm of robotics reaches new heights! Building upon the foundational skills acquired in Robotics 1, students now delve deeper into the world of robotics using the advanced VEX V5 system. In this course, students will form teams and embark on an exhilarating challenge: designing and constructing a robot to compete in the annual VEX competition league in Albuquerque. Throughout the term, students will tackle the year's VEX competition game, which evolves annually, applying their expertise in engineering and programming to create a winning robot. Integral to the process is the development of a comprehensive engineering notebook to document their project and vie for awards. With a focus on collaboration, critical thinking and innovation, students will push the boundaries of robotics as they prepare for the ultimate test in the arena.

SCIENCE

Science Elective Courses

SCIENCE AND PSYCHOLOGY

Department: Science
Grade Levels: 11 - 12
Credit: 1
Prerequisite: Biology
Recommendation Required: No

What is the mind? Are we born with a blank slate? How do we know the things we do? How, as a species, do our minds change over time? Can we adapt as quickly as our environment changes? Examine the complexity of the brain as we create and learn more about the human psyche and ourselves. Students will select and drive our explorations through topics such as, neurochemistry, evolutionary psychology and comparative anatomy, to ultimately better understand the development of our minds through history and experience.

WILDLIFE MANAGEMENT

Department: Science
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Biology
Recommendation Required: No

This course introduces students to the principles of wildlife management and conservation and to opportunities for further education and careers in the field of wildlife biology. The course includes instruction in the history of wildlife management, ecological concepts, habitat assessment, habitat management techniques for wildlife, population dynamics, predator-prey relationships, wildlife species biology and identification, human-wildlife conflict resolution, the role of hunting in conservation, game and fish laws and regulations, hunter safety and the application of scientific principles to managing wildlife habitats and populations.

ELECTIVES
World Languages

World Language Elective Courses

FRENCH 3

Department: World Language Elective
Grade Levels: 10 - 12
Credit: 1
Prerequisite: French 2
Recommendation Required: No

This course develops listening, speaking, reading and writing at the Intermediate-Mid level in French. Students will work in an immersive environment towards communicating in French in everyday and more complex situations. They will develop a deeper understanding of French and Francophone cultures through the exploration of cultural practices, perspectives and conflicts. This course will also develop the student's sense of personal and social responsibility through the identification of francophone social issues, urging them to creatively approach these topics in thoughtful, productive ways as global citizens. Additionally, we will work to sharpen our literary analysis skills and vocabulary in French while reading and discussing films and novels.

FRENCH 4

Department: World Language Elective
Grade Levels: 10 - 12
Credit: 1
Prerequisite: French 3
Recommendation Required: No

This course develops listening, speaking, reading and writing at the Intermediate-High level in French. Students will work in an immersive environment towards communicating in French in everyday and more complex situations. They will develop a deeper understanding of French and Francophone cultures through the exploration of cultural practices, perspectives and conflicts. This course will also develop the student's sense of personal and social responsibility through the identification of francophone social issues, urging them to creatively approach these topics in thoughtful, productive ways as global citizens. Additionally, we will work to sharpen our literary analysis skills and vocabulary in French while reading and analyzing films and novels.

ELECTIVES
World Languages

World Language Elective Courses

SPANISH 3

Department: World Language Elective
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Spanish 2
Recommendation Required: ***YES***

This course is designed for the student who wants to expand their Spanish language abilities into various tenses and additional vocabulary applicable to modern communication. Students will engage with intermediate level texts and recordings. The course is comprehension-based, though students also complete speaking and writing tasks. Typical units include an introduction to core vocabulary, personalized discussion, songs, co-creating stories and cultural readings.

SPANISH 4

Department: World Language Elective
Grade Levels: 10 - 12
Credit: 1
Prerequisite: Spanish 3
Recommendation Required: ***YES***

In Spanish IV, students continue language learning at the intermediate-advanced level through culturally-relevant input. In addition to comprehension skills, students will enhance their conversational, speaking and writing skills. Students will be exposed to all tenses and aspects of the indicative mood, imperative mood and subjunctive mood.

SPANISH 5 HONORS — LANGUAGE & CULTURE

Department: World Language Elective
Grade Levels: 11 - 12
Credit: 1
Prerequisite: Spanish 4
Recommendation Required: ***YES***

This course is for students who have learned advanced syntax and extensive vocabulary in the Spanish language, and are seeking more practice with applying this knowledge. The class is conducted entirely in Spanish, and students will be required to engage with Spanish-speakers outside of class. Students will cultivate strategies for real-world Spanish language use in the interpretive, interpersonal and presentational domains. Active participation and stamina for conversing in a second language will play an important role in the improvement of students' Spanish fluency.

The class may be repeated for an additional credit with the permission of the instructor. Spanish 5 Honors carries weighted credit for final grades of A or B.

EMHS GRADUATION REQUIREMENTS WORKSHEET

For Graduating Class of 2025 (**28.5** Total Credits Needed)

Fill out this form each term to keep track of your credits at EMHS and your progress towards graduation. Make sure to make modifications when completing, changing or failing courses. Keep this worksheet for your own use.

ENGLISH **9/10/11/12** **4 Credits**	9th	10th	11th	12th
HISTORY **9/10/11** **2.5 Credits**	9th	10th	11th	
GOVERNMENT/ ECONOMICS **1.5 Credits**	12th Fall Govt	12th Spring Econ		
MATH **4 Credits**	1st credit	2nd credit	3rd credit	4th credit
SCIENCE **4 Credits**	9th	10th	11th or 12th	4th credit
WORLD LANGUAGE **2 Credits** **(Must be in the same language)**	1st credit	2nd credit		
FINE ARTS **1 Credit**	1 credit	**PHYSICAL EDUCATION** **1 Credit**	1 credit	
HEALTH **0.5 Credit**	Health	**COLLEGE/CAREER RELATED ELECTIVE** **1 Credit**	1 credit	
SEMINAR & CAPSTONE **1.5 Credits**	Senior Seminar	The Senior Experience		
DISCOVERY PROJECTS **1.5 Credits**	9th / 10th	11th		
ELECTIVES **4 Credits**	1st credit	2nd credit	3rd credit (TDE*)	4th credit (TDE*)

The Timberwolf Diploma of Excellence (TDE) includes two electives in one subject area over the minimum requirements (For example: earning six math credits or three fine arts credits)

Transfer students may substitute electives for Discovery Projects and Freshman Seminar as appropriate.

EMHS Graduation Requirements Worksheet

For Graduating Classes of 2026, 2027 & 2028 (**28.5** Total Credits Needed)

Fill out this form each term to keep track of your credits at EMHS and your progress towards graduation. Make sure to make modifications when completing, changing or failing courses. Keep this worksheet for your own use.

ENGLISH **9/10/11/12** **4 Credits**	9th	10th	11th	12th
HISTORY **9/10/11** **3 Credits**	9th	10th	11th	
GOVERNMENT/ ECONOMICS **1.5 Credits**	12th Fall Govt	12th Spring Econ		
MATH **4 Credits**	1st credit	2nd credit	3rd credit	4th credit
SCIENCE **4 Credits**	9th	10th	11th or 12th	4th credit
WORLD LANGUAGE **2 Credits** **(Must be in the same language)**	1st credit	2nd credit		
FINE ARTS **1 Credit**	1 credit	**PHYSICAL EDUCATION** **1 Credit**	1 credit	
HEALTH **0.5 Credit**	Health	**COLLEGE/CAREER RELATED ELECTIVE** **1 Credit**	1 credit	
SEMINAR & CAPSTONE **2 Credits**	Freshman Seminar	Senior Seminar	The Senior Experience	
DISCOVERY PROJECTS **1.5 Credits**	9th / 10th	11th		
ELECTIVES **3 Credits**	1st credit	2nd credit (TDE*)	3rd credit (TDE*)	

The Timberwolf Diploma of Excellence (TDE) includes two electives in one subject area over the minimum requirements (For example: earning six math credits or three fine arts credits)

Transfer students may substitute electives for Discovery Projects and Freshman Seminar as appropriate.