

# EAST MOUNTAIN HIGH SCHOOL



## Course Catalog 2017 – 2018

### EMHS

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# EAST MOUNTAIN HIGH SCHOOL

## *Timberwolves*



### OUR VISION

*East Mountain High School is a model college-preparatory school that provides outstanding learning experiences which engage, challenge and inspire each individual to achieve excellence.*

### OUR MISSION

*As a small regional school, East Mountain High School uses best practices to engage students in curricular programs, involve students in the community, and prepare students for success after graduation, including college, career and citizenship.*

### OUR STUDENT GOALS

East Mountain High School constituents (stakeholders) will demonstrate their support of and commitment to the school's *Vision* and *Mission*. In addition:

The East Mountain High School student will:

- Acquire the knowledge and become proficient in the skills needed to succeed in academic disciplines in accordance with state high school standards as well as in college preparatory expectations;
- Develop essential life skills to become a self-directed, self-advocating, and self-reflective lifelong learner;
- Act responsibly with integrity toward and respect for others;
- Demonstrate increased understanding and value for diversity;
- Personally invest in the school, local, and global communities.

In order to realize the *Vision*, *Mission* and *Goals*, the school is committed to creating a culture of effective teaching and learning, ensuring each student's excellence, college preparation, progressive skill development, exposure to a rigorous curriculum, and connection to the community.

## To Parents/Guardians and Students:

The information in the EMHS Course Catalog will help students, in cooperation with their parents/guardians, 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 must ensure that any and all prerequisites are met before requesting a class.
- Students should select courses appropriate to their ability and post-secondary education plans.
- If a teacher recommendation is required, students must have the appropriate signature on the Class Schedule Request Form (incoming freshmen) or Course Recommendation Form w/ attached Math Placement Form (returning students) before schedule requests are processed.
- Please 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, and student interest and enrollment. CNM dual credit course offerings are dependent upon CNM hiring practices and instructor availability.

## Assessments:

**PARCC:** All freshmen, sophomores and juniors are required to take the PARCC Assessment in English/Language Arts and Math in November/December and/or April/May, depending on a student's schedule.

**NMSBA:** All juniors are required to take the New Mexico Standards Based Assessment (NMSBA) in science in February/March.

**EOCs:** In accordance with New Mexico Public Education Department (NM PED) guidelines, EMHS administers End of Course Exams (EOCs) in core and elective subjects. The teacher determines whether the EOC will be used as the final exam for the course. EOCs are administered at the end of a course in December or May, depending on a student's schedule.

*The results of the PARCC and NMSBA are used to determine the School Grade EMHS receives from the PED. The PARCC and NMSBA are also used as the High School Graduation Assessment students must pass in order to receive a high school diploma. The NM PED determines yearly procedures for a student to complete an alternate demonstration of competency as an option to the High School Graduation Assessment if a student does not pass one or more sections. Additionally, students may have additional opportunities to test again as a senior.*

**ACT:** EMHS administers the Pre-ACT to freshmen and sophomores and Practice ACT to juniors in September. Freshmen and sophomores then take the post Pre-ACT in March and juniors take the actual ACT in April. The EMHS Foundation pays for each junior to sit for the ACT in April at EMHS.

**SAT:** EMHS administers the PSAT (Pre-SAT) to sophomores and juniors in October. Freshmen and sophomores then take the post PSAT in February and juniors take the actual SAT in March. The EMHS Foundation pays for each junior to sit for the SAT in March. The PSAT for juniors fulfills the college placement assessment requirement and is also the National Merit Scholarship Qualifying Test.

Students should take the actual ACT and/or SAT in their junior and/or senior years and must take the exams at a designated testing site.

**OECD (based on PISA):** EMHS administers the OECD (based on PISA) to 15-year olds in the spring. The PISA 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 important information in comparison to education around the world.

## Common Core State Standards:

The EMHS Curriculum is centered around the Common Core State Standards. The standards provide a consistent, clear understanding of what students are expected to learn, so teachers and parents 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, and teacher what the standards of success are in every school.

## **Community Service Requirements:**

Students are required to complete 20 hours of VERIFIED community service each year for a total of at least 80 hours as a part of their graduation requirements. Students must log their hours in their x2VOL account for each organization served. A student may access his/her x2VOL account through Naviance. 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. Current students and incoming freshmen may complete community service hours during the summer months prior to the start of the school year at EMHS. EMHS students may NOT receive community service hours for driving other students to or from school.

## **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 a correspondence 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 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 for remediation. (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 percentage score of 70 earned.
7. Be proctored by an approved proctor, preferably the Assistant Principal.

## **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 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 Selection/Pre-registration:**

The schedule of classes is built on the basis of all of the courses selected by our students. Course availability for elective courses is determined by sufficient student course requests and staff availability. Insufficient pre-registration 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 during the spring pre-registration process. The students' actual schedules will be determined by pre-requisite requirements, sufficient student interest through course requests and availability of highly qualified staff to teach the requested courses. Finalized student schedules for the 2017-2018 school year will be available in August during Registration. Information on Registration will be provided during the summer and will be available on the school's website.

**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, seniors with their community service hours recorded will be scheduled first, then juniors with their hours and so on. Additionally, seniors must have their community service hours up to date in order to participate in the Graduation Ceremony.**

### **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, prepared to learn and participate in class and complete all assignments. If a student receives a grade below the percentage score of 70 (a letter grade of NC – No Credit) at the end of any grade reporting period, the student, with assistance from the teacher, advocate, Social Worker, Student Guidance Center and/or the student’s parent(s)/guardian(s), shall formulate a Credit Recovery Plan in an effort to assist the student to achieve a passing, or better, competency level. The plan may also define some other remedial path. Parent-teacher contact shall be made, as needed, for any student on such plan.

If, at the completion of a course, a student receives a final grade of less than 70%, the student must participate in credit recovery for the course. 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.**

Should the student receive a final grade of less than 70% for the first credit recovery attempt, he/she 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 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, in writing, by that institution and sent to the EMHS Registrar. The student’s parent 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.

### **Dean’s List and Academic Letters:**

Students must achieve a GPA of 3.0 or higher 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.

### **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 for two weeks at the end of the regular school year that satisfy, in part, the Charter criteria. They are designed by individual teachers 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. **Students must have all textbooks returned from the Fall Term in order to participate in Discovery Project sign-ups. Additionally, students must also have all fees paid and textbooks, pre-registration documents and Next Step Plans returned prior to participation in Discovery Projects in the Spring.**

## 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 three (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 Assistant Principal or 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 adjustment for balancing classes. This may happen before or after the drop/add deadline, depending on scheduling circumstances.

All schedules changes are to be approved by the Assistant Principal or Principal. 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 pre-requisite course.
- Inappropriate placement as determined by teacher and/or 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 after 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 adversely affects the student's GPA. No partial credit will be given. It is imperative that careful consideration be made when planning a student's courseload 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 Registrar receives an official transcript from the college. One and two credit classes equal 0.5 credit at EMHS. Three and four credit classes equal 1.0 credit at EMHS. It is a state requirement that all dual credit grades be posted on the high school transcript.

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.
- All other dual credit classes will be recorded on a student's high school transcript and will be calculated into a student's GPA. These courses do not carry weighted credit.
- Any dual credit course taken on the EMHS campus as a dual credit in the high school course will be recorded on a student's transcript and calculated into a student's GPA. Non-core courses, including CSE 1101 and FIN 1010, do not carry weighted credit.
- A minimum percentage score of 70 must be earned in all dual credit courses for the credit to be earned at EMHS.



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

All dual credit courses must be approved by the Assistant Principal. All students and parents/guardians 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 available on the EMHS website.

Students may enroll in a dual credit math class to fulfill one of the four math credits required for graduation. However, MATH 1310 (at CNM) and MATH 120 (at UNM) are 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.

If a course is offered at EMHS (i.e. Economics, Government, English, etc.), the student must enroll in the EMHS course. Only with prior approval from the Principal may a student enroll in a dual credit course rather than the EMHS offered course.

**Students must enroll in courses at EMHS in order to meet the three 1.0 high school credit course requirements for athletics or other NMAA sanctioned activities (i.e. Speech & Debate or Bowling). Only with prior approval from the Principal may the student enroll in a dual credit course to meet the three credit requirement.**

It is the student’s responsibility to obtain the appropriate textbook for the dual credit course through the EMHS Library. If EMHS does not have the textbook in its inventory, EMHS will reimburse families for the cost of the textbook upon the student’s successful completion of the course. The textbook remains EMHS property and must be returned upon completion of the dual credit class. The dual credit textbook contract is available on the EMHS website.

### **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 foreign language credit if the student earned an 80% or above and received a minimum score on the End of Course Assessment taken in 8<sup>th</sup> grade. 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 8<sup>th</sup> grade must be included on the student’s transcript and submitted to EMHS.

- *Completion of Algebra 1 in 8<sup>th</sup> 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 8<sup>th</sup> grade does not guarantee placement into Spanish 2, the next course in the EMHS Foreign Language Sequence. Please contact the EMHS Foreign Language Department for further information.*

### **Eligibility to Participate in NMAA Athletics & Activities:**

To be eligible to participate in athletics and/or activities sponsored by the New Mexico Activities Association, 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. 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. A student enrolled in an A/B math class must be enrolled in a minimum of 3.5 total credits. Students must enroll in courses at EMHS in order to meet the three 1.0 high school credit course requirements for NMAA sanctioned athletics and/or activities. Only with prior approval from the Principal may the student enroll in a dual credit or correspondence course to meet the three credit requirement.

Students wishing to use an online or off-campus dual credit class to meet the three course minimum must have the approval of the Principal. Additionally, students using any dual credit class to meet the three class minimum must commit to completing the course, even if the athletic season is over. If a student enrolls in a dual credit course to meet the three class minimum and then subsequently withdraws/drops the course, the W 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) for the season.

Students wishing to use an online correspondence course to meet the three course minimum must have the approval of the Principal. Students must complete the course(s) during the term in which the sport/activity takes place. 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, failure to complete the course during the term will make the student not eligible to earn an athletic letter (for sports) or other honors as determined by school administration (for activities) for the season.

Students must also have established a 2.0 GPA or better during the most immediate grading period to be eligible for participation. Additionally:

- Students enrolled in 4 credits must have a minimum of a 2.0 GPA, must pass at least 3.0 credits and have no more than one grade below a 70%.
- Students enrolled in 3.5 credits must have a minimum of a 2.0 GPA, must pass at least 3.0 credits and have no more than 0.5 credit below a 70%.
- Students enrolled in 3.0 credits must have a minimum of a 2.0 GPA and must pass all 3.0 credits.

Grade reviews are conducted after each six-week grading period and determine eligibility for the next six week period. For fall participation, the grades and credit earned from the previous Spring Term will determine eligibility for the first six weeks of the Fall Term. Other specific guidelines may be obtained by contacting the Athletic Director.

Home school students participating in NMAA athletics and/or activities through EMHS must meet the same or equivalent minimum academic requirements in order to be eligible for participation. Students transferring to EMHS from another high school must contact the Athletic Director for more information on eligibility. 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 English, History and science. Students and their families must meet with the Assistant Principal prior to enrolling in a foreign study program. The only courses that may be transferrable to EMHS from the foreign exchange program are physical education and foreign 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 exception to this are the A/B math classes where each term is equal to 0.5 credit. 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 the GPA and Dean's List will be as follows:

| Weighted Grades Table |          |              |                               |                                   |                               |
|-----------------------|----------|--------------|-------------------------------|-----------------------------------|-------------------------------|
| Letter Grade          | Percent  | Grade Points | Honors/Pre-AP/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 credits, with a minimum of 10.0 Core credit classes.
- A senior must have a minimum of 15 Core credit classes **and** must have successfully completed English 11 and US History.

*Core credit classes are defined as any course in Math, Science, Humanities (English/History), and Foreign Language. One credit in Fine Arts and one credit in Physical Education may be counted towards the Core requirements. All other courses are considered electives and do not count towards 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:

Each grading period is one term, with progress report grades available every six weeks. The six-week progress report grades are the determination for athletic and activity eligibility as per the NMAA guidelines. Transcripts, in lieu of a report card, are mailed home approximately one week after the end of each term. EMHS's student information system (PowerSchool) is available via the internet at <https://eastmountain.powerschool.com/public> 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 if a new log-in and password are needed.

## Graduation Requirements:

As a college preparatory school, 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 pre-requisites, teacher recommendations, and individual interests.

Students interested in enrolling in two one-credit math classes at EMHS 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.

EMHS does not offer drivers' education. The drivers' education course must be taken through an accredited institution in order for academic credit to be awarded.

All students are required to earn 28 specific credits for graduation. 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 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;
- Receive a passing score on the PARCC/NMSBA/New Mexico Graduation Assessment or alternate demonstration of competency (as approved by PED); and
- Have experience taking a career, workforce, distance learning, or college course.

| EMHS GRADUATION REQUIREMENTS      |   |  |
|-----------------------------------|---|--|
| HUMANITIES<br>(ENGLISH & HISTORY) | 9<br>credits  | GRADUATING CLASS OF 2018:<br>1 credit = English 9, ½ credit = Early World History and ½ credit = New Mexico History<br>Grade 9:<br>GRADUATING CLASSES OF 2019 AND ON:<br>1 credit = English 9 and 1 credit = New Mexico History & Research Skills    |
|                                   |   | 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: 2 credits = English 12 Seminar, 0.5 credit = US Government and 0.5 credit = Economics  |
| MATHEMATICS                       | 4 credits   | 1 credit = Algebra 2 or higher   |
| SCIENCE                           | 4 credits   | 1 credit = Physical Science<br>1 credit = Biology<br>2 credits = Environmental Science Honors (or CHEM 1410 and PHYS 1010 with the Environmental Science Waiver)   |
| FINE ARTS                         | 1 credit  |  |
| PHYSICAL EDUCATION                | 1 credit  |  |
| FOREIGN LANGUAGE                  | 2 credits   | In the same language. Must be taken in consecutive terms.  |
| HEALTH                            | 0.5 credit  | Satisfied by required Health class in 10 <sup>th</sup> grade   |
| COLLEGE SUCCESS                   | 1 credit  | Elective credit satisfied by required College Success class in 10 <sup>th</sup> grade  |
| DISCOVERY PROJECTS                | 1.5 credits   | Elective credits satisfied by required Discovery Projects in 9 <sup>th</sup> , 10 <sup>th</sup> and 11 <sup>th</sup> grades  |
| ELECTIVES                         | 4 credits   | The Timberwolf Diploma of Excellence Diploma includes two credits in a subject area of the student's choice in addition to the required courses. <i>Additional courses may be fulfilled at EMHS, through dual credit, or an academic internship.</i> |
| COMMUNITY SERVICE                 | 20 hours of Community Service are required each year, for a minimum of 80 hours |  |
|                                   |   | <b>TOTAL: 28 credits</b>   |

**Honors Policy Overview:** *(Complete honors policy is located in the administration office.)*

- The criteria for determining student eligibility for Honors 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 pre-requisite teacher recommendation specific to 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 pre-requisite class within the same content area and have received a pre-requisite teacher recommendation specific to content area.
  - The criteria may also include a department-designed screening assessment, such as a writing sample or math assessment. End of Course Exam scores will also be used.
- 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 term grade is less than 80%.***

- Honors/Pre-AP/AP courses are offered in Pre-AP English 10, Pre-AP World History, AP English Language & Composition 11, AP United States History, English 12 Seminar (ENG 1102), AP U.S. Government & Politics, Algebra 1, Geometry, Algebra 2, MATH 1310, Pre-Calculus, AP Calculus AB, and Spanish 5.
- All juniors will enroll in Environmental Science Honors. The course provides a more in-depth curriculum and meets the requirements of state statute.
- All students must submit a letter of interest for Honors/Pre-AP/AP English and History courses, even if the student is currently enrolled in an Honors/Pre-AP/AP course. *Contact the EMHS Humanities Department for further information.*

### **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 in order to request and 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. It is recommended that students who take Late Arrival and/or Early Dismissal are 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 upperclassmen without the required Community Service hours on file must have approval from the Assistant Principal. Late Arrival or Early Dismissal for underclassmen must have the approval of the Assistant Principal.

### **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 athletics or other NMAA sanctioned activities (i.e. Speech & Debate or Bowling) are required to be enrolled in a minimum of three-1.0 credit classes at EMHS. **Only with prior approval from the 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 parents/guardians and the faculty advocate. It is intended to be a living, working document that is updated on a regular basis. It 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 student's parents/guardians, the faculty advocate, the Student Advisor, and the Assistant Principal work together to fulfill the guidance role of helping the student explore, examine, and determine his/her respective interests, goals, and plans. It is developed during the student's first year at EMHS and updated annually. Parental 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) through a variety of strategies in the NSP. The student and parent(s) can request a modification of the NSP at any time in addition to the annual update.

## Programs of Study:

### Comprehensive, College Preparatory High School

EMHS offers a liberal arts curriculum designed to prepare students for entry into and success in college.

### Honors/AP Program

Honors and Pre-AP/AP courses are offered in English, History, Math, Environmental Science, and Spanish. The classes emphasize independent study, quality of assignments, and accelerated enrichment of course content. Students enrolled in Pre-AP/AP courses are required to take the AP Exam in May at the student's expense. Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees.

### Dual Credit

EMHS will honor courses taken through an accredited college, university or community college for credit while simultaneously enrolled in high school. Dual credit allows students to accelerate their learning with college level coursework. EMHS provides students with early college high school experiences.

### Special Education

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

## Student Performance Evaluation:

A variety of means, including testing, demonstrations of projects, oral presentations, class participation, writing assessments 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 GPA 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:

Students may request to be a teacher's aide only once during their educational career at EMHS. 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.

## Transcripts:

Any student needing a transcript can request one from the Registrar by filling out a Transcript Request Form available on the EMHS website. All transcripts are free. **Please allow at least 24 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 and the military.

## 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, summer school course, or night school course while enrolled at EMHS, he/she must adhere to the requirement for a minimum percentage score of 70 in order to earn credit. Additional or supplemental course credit will be accepted from an accredited institution upon approval from the Assistant Principal. Therefore, students and their families are required to contact the Assistant Principal 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 and will be recorded on the student's transcript.

Credit earned at another educational institution (i.e. summer school or correspondence course) must be documented, in writing, by that institution and sent to the EMHS Registrar. The student's parent 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.

## 2017 – 2018 COURSE OFFERINGS AT A GLANCE

|   |  |
|---|--|
| <b>English</b>  | <b>Physical Education</b>  |
| <input type="checkbox"/> English 9  | <input type="checkbox"/> Physical Education                        |
| <input type="checkbox"/> English 10   |  |
| <input type="checkbox"/> Pre-AP English 10 ( <i>Letter of Interest Required</i> )                               | <b>College Success &amp; Health</b>                                |
| <input type="checkbox"/> English 11   | <input type="checkbox"/> CSE 1101 – College Success                |
| <input type="checkbox"/> AP English Language & Composition 11 ( <i>Letter of Interest Required</i> )            | <input type="checkbox"/> Health                                    |
| <input type="checkbox"/> English 12 Seminar (ENG 1101 & ENG 1150)   | <b>Electives</b>   |
| <input type="checkbox"/> English 12 Seminar Honors (ENG 1102 & ENG 1150) ( <i>Letter of Interest Required</i> ) | <i>Fine Arts/ Art Electives:</i>                                   |
|   | <input type="checkbox"/> Creative Art                              |
|   | <input type="checkbox"/> Painting & Drawing 1 – 3                  |
| <b>History</b>  | <i>Fine Arts/Computer Graphics Elective:</i>                       |
| <input type="checkbox"/> New Mexico History & Research Skills   | <input type="checkbox"/> Adobe Photoshop                           |
| <input type="checkbox"/> Modern World History   | <i>Fine Arts/Music Electives:</i>                                  |
| <input type="checkbox"/> Pre-AP World History ( <i>Letter of Interest Required</i> )                            | <input type="checkbox"/> Music 1 – Fundamentals                    |
| <input type="checkbox"/> US History   | <input type="checkbox"/> Music 2 – Composition I                   |
| <input type="checkbox"/> AP United States History ( <i>Letter of Interest Required</i> )                        | <input type="checkbox"/> Music 3 – Composition II                  |
| <input type="checkbox"/> Economics  | <input type="checkbox"/> Recording Arts                            |
| <input type="checkbox"/> U.S. Government  | <i>Fine Arts/Performing Arts Electives:</i>                        |
| <input type="checkbox"/> AP U.S. Government & Politics ( <i>Letter of Interest Required</i> )                   | <input type="checkbox"/> Drama 1                                   |
|   | <input type="checkbox"/> Drama 2                                   |
| <b>Math</b>   | <i>Foreign Language Electives:</i>                                 |
| <input type="checkbox"/> Algebra 1A and 1B  | <input type="checkbox"/> Spanish 3                                 |
| <input type="checkbox"/> Algebra 1  | <input type="checkbox"/> Spanish 4                                 |
| <input type="checkbox"/> Algebra 1 Honors   | <input type="checkbox"/> Spanish 5 Honors – Literature & Culture   |
| <input type="checkbox"/> Geometry   | <i>General Electives:</i>  |
| <input type="checkbox"/> Geometry Honors  | <input type="checkbox"/> Academic Internship                       |
| <input type="checkbox"/> Algebra 2A and 2B  | <input type="checkbox"/> English Intervention                      |
| <input type="checkbox"/> Algebra 2  | <input type="checkbox"/> Math Intervention                         |
| <input type="checkbox"/> Algebra 2 Honors   | <input type="checkbox"/> Online Course in the SGC                  |
| <input type="checkbox"/> MATH 1310 – Intermediate Algebra   | <input type="checkbox"/> Structured Study Hall (IEP Students Only) |
| <input type="checkbox"/> Financial Literacy Math  | <input type="checkbox"/> Teacher's Aide (Zero credit class)        |
| <input type="checkbox"/> MATH 1315 – College Algebra  | <i>Humanities Electives:</i>                                       |
| <input type="checkbox"/> MATH 1330 – Intro to Probability & Statistics  | <input type="checkbox"/> Contemporary Issues through Film          |
| <input type="checkbox"/> Trigonometry/Math Analysis   | <input type="checkbox"/> Contemporary World Issues                 |
| <input type="checkbox"/> Pre-Calculus Honors  | <input type="checkbox"/> Creative Writing                          |
| <input type="checkbox"/> AP Calculus AB   | <input type="checkbox"/> FIN 1010 – Financial Literacy Complete    |
|   | <input type="checkbox"/> History of Conspiracy Theories            |
| <b>Science</b>  | <input type="checkbox"/> PHIL 1110 – Philosophical Thought         |
| <input type="checkbox"/> Physical Science   | <input type="checkbox"/> Photojournalism                           |
| <input type="checkbox"/> Biology  | <input type="checkbox"/> PSY 1105 – Introduction to Psychology     |
| <input type="checkbox"/> Environmental Science Honors   | <input type="checkbox"/> Psychology                                |
| <input type="checkbox"/> Anatomy & Physiology   | <input type="checkbox"/> Speech and Debate                         |
| <input type="checkbox"/> ASTR 1110 – Intro to Stellar & Galactic Astronomy                                      | <input type="checkbox"/> Yearbook Media Arts                       |
| <input type="checkbox"/> CHEM 1410 – Intro to Chemistry   | <i>Physical Education Electives:</i>                               |
| <input type="checkbox"/> PHYS 1010 – Intro to Physics   | <input type="checkbox"/> Advanced Team Games                       |
|   | <input type="checkbox"/> Total Body Conditioning                   |
| <b>Foreign Language</b>   | <i>Science &amp; Technology Elective:</i>                          |
| <input type="checkbox"/> Spanish 1  | <input type="checkbox"/> MESA                                      |
| <input type="checkbox"/> Spanish 2  |  |



## COURSE DESCRIPTIONS

*All prerequisite courses include the previous courses in the sequence. For example: The prerequisite for Algebra 2 is listed as Geometry. It is implied that the prerequisite for Algebra 2 is both Geometry and Algebra 1 since Algebra 1 is a prerequisite for Geometry.*

### HUMANITIES (ENGLISH & HISTORY)

The new Common Core Standards call for a deeper focus on core reading, writing, and speaking skills. Starting with the 2014 – 2015 school year, Humanities was split into separate English and History classes to 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 History classrooms.

#### 9<sup>th</sup> grade English and History courses:

|  |               |                  |                          |    |
|--|---------------|------------------|--------------------------|----|
| Humanities 9   | Course Name:  | <b>English 9</b> | Grade Level:             | 9  |
| 1 Credit   | Prerequisite: | None             | Recommendation Required: | No |
| <b>Course Description</b>  |               |                  |                          |    |
| Students are introduced to the fundamental reading, writing, and speaking skills necessary for success in high school and college. 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 nonfictional readings and focus on both narrative and argumentative writing styles. |               |                  |                          |    |

|  |               |   |                          |    |
|--|---------------|---|--------------------------|----|
| Humanities 9   | Course Name:  | <b>New Mexico History &amp; Research Skills</b> | Grade Level:             | 9  |
| 1 Credit   | Prerequisite: | None  | Recommendation Required: | No |
| <b>Course Description</b>  |               |   |                          |    |
| This course covers New Mexico history with a focus on 20 <sup>th</sup> -century issues. 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 stressed throughout the course. |               |   |                          |    |

#### 10<sup>th</sup> grade English and History courses:

|  |               |                   |                          |    |
|--|---------------|-------------------|--------------------------|----|
| Humanities 10  | Course Name:  | <b>English 10</b> | Grade Level:             | 10 |
| 1 Credit   | Prerequisite: | English 9         | Recommendation Required: | No |
| <b>Course Description</b>  |               |                   |                          |    |
| This world literature course emphasizes 20 <sup>th</sup> and 21 <sup>st</sup> century world literature from a western and non-western perspective. Our literary studies will focus on different genres of literature including fiction, drama, poetry, informational texts, and short stories. 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 personal 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. |               |                   |                          |    |

|  |                      |   |                                 |           |
|--|----------------------|---|---------------------------------|-----------|
| <b>Humanities 10</b>   | <b>Course Name:</b>  | <b>Pre-AP English 10</b>                | <b>Grade Level:</b>             | <b>10</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>English 9 and Letter of Interest</b> | <b>Recommendation Required:</b> | <b>No</b> |
| <b>Course Description</b>  |                      |   |                                 |           |
| <p>This world literature course emphasizes 20<sup>th</sup> and 21<sup>st</sup> century world literature from a western and non-western perspective. Our literary studies will focus on different genres of literature including fiction, drama, poetry, informational texts, and short stories. 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 personal 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 Pre-AP environment requires active and serious participation from all students. Pre-AP English 10 carries weighted credit for final grades of A or B.</p> <p><i>Students interested in taking Pre-AP English 10 must submit a typed and printed letter of interest to Mr. Schwebach in Room 103 by the end of the school day on Friday, May 5, 2017. The letter should detail which Pre-AP/ AP class(es) they are interested in taking, why they are interested in the course(s), and what specific skills they have that show preparedness for Advanced Placement course(s). Letters should be carefully proofread and submitted on time.</i></p> |                      |   |                                 |           |

|  |                      |                             |                                 |           |
|--|----------------------|-----------------------------|---------------------------------|-----------|
| <b>Humanities 10</b>   | <b>Course Name:</b>  | <b>Modern World History</b> | <b>Grade Level:</b>             | <b>10</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>New Mexico History</b>   | <b>Recommendation Required:</b> | <b>No</b> |
| <b>Course Description</b>  |                      |                             |                                 |           |
| <p>This course is designed to represent modern world history from 1500 to the present, with emphasis on the 19<sup>th</sup> and 20<sup>th</sup> centuries. Integration of non-fiction readings with historical periods will be utilized. Students will develop and improve social studies skills and critical thinking skills that will help make them successful citizens and learners. Emphasis on Common Core standards for close reading and writing will be emphasized.</p> |                      |                             |                                 |           |

|   |                      |  |                                 |           |
|---|----------------------|--|---------------------------------|-----------|
| <b>Humanities 10</b>  | <b>Course Name:</b>  | <b>Pre-AP World History</b>                      | <b>Grade Level:</b>             | <b>10</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>New Mexico History and Letter of Interest</b> | <b>Recommendation Required:</b> | <b>No</b> |
| <b>Course Description</b>   |                      |  |                                 |           |
| <p>Pre-AP World History 10 offers an overview of the entire history of humankind – a study of significant people, events, and issues from ancient times to the present. Geography and its impact on people and events is a major theme in this course. In addition, students will analyze the development of representative government and important legal and political concepts. Students will also analyze the connections between developments in science and technology and the growth of industrial economics. 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. <u>Students enrolled in Pre-AP World History are required to take the AP World History Exam in May at the student's expense.</u> (The fee during the 2016-2017 school year was \$93.) Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees. Pre-AP World History carries weighted credit for final grades of A or B.</p> <p><i>Students interested in taking Pre-AP World History must submit a typed and printed letter of interest to Mr. Schwebach in Room 103 by the end of the school day on Friday, May 5, 2017. The letter should detail which Pre-AP/ AP class(es) they are interested in taking, why they are interested in the course(s), and what specific skills they have that show preparedness for Advanced Placement course(s). Letters should be carefully proofread and submitted on time.</i></p> |                      |  |                                 |           |

### **11<sup>th</sup> grade English and History courses:**

|   |                      |                   |                                 |           |
|---|----------------------|-------------------|---------------------------------|-----------|
| <b>Humanities 11</b>  | <b>Course Name:</b>  | <b>English 11</b> | <b>Grade Level:</b>             | <b>11</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>English 10</b> | <b>Recommendation Required:</b> | <b>No</b> |
| <b>Course Description</b>   |                      |                   |                                 |           |
| <p>English 11 is a survey of selections of the literary history of America. With a chronological approach, the student surveys selected samples from the Colonial Period (1607-1765) to the Post-Modern Period (1970-Present, including political and social history and literary movements within each period. etc.). With a genre approach, the student surveys various time periods and themes in American literature though selected genre across time periods with a focus on the American Dream. The student applies critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research, and through the use of technology as a learning tool. College level composition skills are emphasized.</p> |                      |                   |                                 |           |

|  |               |   |                          |    |
|--|---------------|---|--------------------------|----|
| Humanities 11  | Course Name:  | <b>AP English Language &amp; Composition 11</b> | Grade Level:             | 11 |
| 1 Credit   | Prerequisite: | English 10 and Letter of Interest               | Recommendation Required: | No |
| <b>Course Description</b>  |               |   |                          |    |
| <p>AP English Language &amp; Composition is for students who demonstrate the highest level of ability and interest in language arts. AP students need a strong work ethic and willingness to complete challenging assignments. Students will focus on rhetorical analysis of mostly non-fiction texts, the argument, analysis, and the synthesis-essay. This is a weighted course that includes preparation for the AP exam in English Language and Composition. Students will survey selections of the literary history of America using chronological, thematic, and genre approaches. With a chronological approach, the student surveys selected samples from the Colonial Period (1607-1765) to the Post-Modern Period (1970 – Present) including political and social history and literary movements within each period. With a thematic approach, the student surveys selections of American literature across time periods that are grouped by themes, (e.g. Struggle for Independence, the American Dream, Individual Thought and Action, etc.). With a genre approach, the student surveys various time periods and themes in American literature through selected genres across time periods (e.g. early journals, poetry, verse, sermons, oratory, short stories, novels, and plays, etc.). With each approach used, students apply critical thinking skills through reading, speaking, viewing and listening strands of language arts, through writing and research, and through the use of technology as a learning tool. <u>Students enrolled in AP English Language &amp; Composition are required to take the AP English Language &amp; Composition Exam in May at the student's expense.</u> (The fee during the 2016-2017 school year was \$93.) Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees. AP English Language &amp; Composition carries weighted credit for final grades of A or B.</p> <p><i>Students interested in taking AP English Language &amp; Composition must submit a typed and printed letter of interest to Mr. Schwebach in Room 103 by the end of the school day on Friday, May 5, 2017. The letter should detail which Pre-AP/AP class(es) they are interested in taking, why they are interested in the course(s), and what specific skills they have that show preparedness for Advanced Placement course(s). Letters should be carefully proofread and submitted on time.</i></p> |               |   |                          |    |

|   |               |                                  |                          |    |
|---|---------------|----------------------------------|--------------------------|----|
| Humanities 11   | Course Name:  | <b>U.S. History (History 11)</b> | Grade Level:             | 11 |
| 1 Credit  | Prerequisite: | World History                    | Recommendation Required: | No |
| <b>Course Description</b>   |               |                                  |                          |    |
| <p>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 uses 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.</p> |               |                                  |                          |    |

|   |               |                                      |                          |    |
|---|---------------|--------------------------------------|--------------------------|----|
| Humanities 11   | Course Name:  | <b>AP United States History</b>      | Grade Level:             | 11 |
| 1 Credit  | Prerequisite: | World History and Letter of Interest | Recommendation Required: | No |
| <b>Course Description</b>   |               |                                      |                          |    |
| <p>AP United States History is fast paced and expects significant outside of the classroom learning by self-motivated and academically driven students. The class covers US history from 1491-Present and includes analytical reading and writing of multiple primary source and secondary source texts. <u>Students enrolled in AP United States History are required to take the AP United States History Exam in May at the student's expense.</u> (The fee during the 2016-2017 school year was \$93.) Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees. AP United States History carries weighted credit for final grades of A or B.</p> <p><i>Students interested in taking AP United States History must submit a typed and printed letter of interest to Mr. Schwebach in Room 103 by the end of the school day on Friday, May 5, 2017. The letter should detail which Pre-AP/AP class(es) they are interested in taking, why they are interested in the course(s), and what specific skills they have that show preparedness for Advanced Placement course(s). Letters should be carefully proofread and submitted on time.</i></p> |               |                                      |                          |    |

**12<sup>th</sup> grade English and History courses:**

|   |               |   |                          |    |
|---|---------------|---|--------------------------|----|
| English 12<br>DUAL CREDIT   | Course Name:  | <b>English 12 Seminar – ENG 1101 (FALL) and ENG 1150 (SPRING)</b>   | Grade Level:             | 12 |
| Year Long Course<br>2 Credits   | Prerequisite: | <p><b>ENG 1101: One of the following:</b></p> <ul style="list-style-type: none"> <li>• ACT Reading Score of 18 or higher AND ACT English Score of 16 or higher; OR</li> <li>• SAT Evidence Based Reading Score of 330 or higher; OR</li> <li>• Accuplacer Combined Reading and Sentence Skills Score of 166 or higher with an Accuplacer Sentence Skills Score of at least 85; OR</li> <li>• A combination of ACT and Accuplacer scores may be used; OR</li> <li>• Permission of Instructor</li> </ul> <p><b>ENG 1150: Grade of A, B or C in ENG 1101</b></p> | Recommendation Required: | No |
| <b>Course Description</b>   |               |   |                          |    |
| <p><b>FALL:</b> In English 12 Seminar (ENG 1101), students will read and write essays and articles, examining the rhetoric and approach of various authors and speakers. Students will be required to complete a minimum of five (5) college style essays, including a multiple source essay (MSP) in which the student examines a perspective and uses support from a variety of resources. This Fall English 12 Seminar combines Senior English and CNM Dual Credit English requirements into a term long course according to Common Core Standards and EMHS foundational requirements. Analytical and critical reading and writing skills in addition to college preparation skills comprise the focus of the course. College-preparatory grammar, vocabulary, and research mastery are demonstrated in reading comprehension, written analysis of literature, nonfiction, self-reflection, and research-based writing. Writing concentrates on organization and development of formal academic style based on evidence integration.</p> <p><b>SPRING:</b> In English 12 Seminar (ENG 1150), students will participate in an introduction to literature and literary forms, specifically the genres of fiction, poetry and drama. This course also combines Senior English and CNM Dual Credit English requirements into a term long course according to Common Core Standards and EMHS foundational requirements. Students are required to read, discuss, and write about representative examples of these three literary genres in order to gain a critical understanding of literature’s cultural and creative value. Analytical, close and critical reading and writing skills comprise the focus of the course. Since students will prepare for class expecting to add knowledge to the class period, Socratic seminars will be utilized frequently. College grammar, vocabulary, and research mastery are demonstrated in reading comprehension, written analysis of literature, self-reflection, and research-based writing. Writing concentrates on organization and development of voice and diction so students develop their own reflective style based on evidence. Two (2) formal analytical essays will be required of every student along with varied and extensive analytical response activities. Students should be prepared to read 20 – 40 pages (or more) before each class meeting.</p> <p>Senior Exhibition will be incorporated into both Fall and Spring Terms and may include a personal portfolio, individual performance or work of art, and future plan considerations. ENG 1101 and ENG 1150 carry weighted credit for final grades of A or B. <b>English 12 Seminar (ENG 1101 and ENG 1150) satisfy the Graduation Requirements for the two required credits in English 12.</b></p> |               |   |                          |    |

|  |               |  |                          |    |
|--|---------------|--|--------------------------|----|
| English 12<br>DUAL CREDIT  | Course Name:  | <b>English 12 Seminar Honors – ENG 1102 (FALL) and ENG 1150 (SPRING)</b>   | Grade Level:             | 12 |
| Year Long Course<br>2 Credits  | Prerequisite: | Letter of Interest and<br><b>ENG 1102: ENG 1101 or AP English Language &amp; Composition AP Exam Score of 3, 4 or 5</b><br><b>ENG 1150: Grade of A, B or C in ENG 1101 or 1102</b> | Recommendation Required: | No |
| <b>Course Description</b>  |               |  |                          |    |
| <p><b>FALL:</b> Students will read and write essays and articles, examining the rhetoric and approach of various authors and speakers. Students will be required to complete a minimum of six (6) college style essays, including a multiple source essay (MSP) in which the student examines a perspective and uses support from a variety of resources. English 12 Seminar Honors combines Senior English and CNM Dual Credit English requirements into a term-long course according to Common Core Standards and EMHS foundational requirements. Students will perform 2<sup>nd</sup> – 3<sup>rd</sup> semester written/analytical skills to reading and writing. Analytical and critical 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 the class period, Socratic seminars and advanced assessment techniques will be utilized frequently. College grammar, vocabulary, and research mastery are demonstrated in reading comprehension, written analysis of literature and nonfiction, self-reflection, and research-based writing. Writing concentrates on organization and development of voice and diction so students develop their own reflective style based on evidence.</p> <p><b>SPRING:</b> In English 12 Seminar (ENG 1150), students will participate in an introduction to literature and literary forms, specifically the genres of fiction, poetry and drama. This course also combines Senior English and CNM Dual Credit English requirements into a term long course according to Common Core Standards and EMHS foundational requirements. Students are required to read, discuss, and write about representative examples of these three literary genres in order to gain a critical understanding of literature’s cultural and creative value. Analytical, close and critical reading and writing skills comprise the focus of the course. Since students will prepare for class expecting to add knowledge to the class period, Socratic seminars will be utilized frequently. College grammar, vocabulary, and research mastery are demonstrated in reading comprehension, written analysis of literature, self-reflection, and research-based writing. Writing concentrates on organization and development of voice and diction so students develop their own reflective style based on evidence. Two (2) formal analytical essays will be required of every student along with varied and extensive analytical response activities. Students should be prepared to read 20 – 40 pages (or more) before each class meeting.</p> <p>Senior Exhibition will be incorporated into both Fall and Spring Terms and may include a personal portfolio, individual performance or work of art, and future plan considerations. ENG 1101 and ENG 1150 carry weighted credit for final grades of A or B. <b>English 12 Seminar (ENG 1102 and ENG 1150) satisfy the Graduation Requirements for the two required credits in English 12.</b></p> <p><i>Students interested in taking ENG 1102 must submit a typed and printed letter of interest to Mr. Schwebach in Room 103 by the end of the school day on Friday, May 5, 2017. The letter should list ENG 1102 as a class they are interested in taking, why they are interested in the course, and what specific skills they have that show preparedness for dual credit/college level work. Letters should be carefully proofread and submitted on time.</i></p> |               |  |                          |    |

|   |               |                   |                          |    |
|---|---------------|-------------------|--------------------------|----|
| History 12  | Course Name:  | <b>Economics</b>  | Grade Level:             | 12 |
| 0.5 Credit  | Prerequisite: | <b>US History</b> | Recommendation Required: | No |
| <b>Course Description</b>   |               |                   |                          |    |
| <p>Economics 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 macroeconomics concepts, as well as international trade and competing global economic systems. The emphasis of this course will be on the American Economic System and the fundamental economic principles that will help students to make better decisions about purchases, financial accounts and budgeting, loans and credit, investment and retirement, taxes, and the job market. The course work will be studied with the aid of textbooks, Socratic Seminars, individual research projects, group simulations, government statistical data, videos, and classroom presentations. <b>Economics satisfies the Graduation Requirement for 0.5 credit in required Senior History.</b></p> |               |                   |                          |    |

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|--|---------------|------------------------|--------------------------|----|
| History 12   | Course Name:  | <b>U.S. Government</b> | Grade Level:             | 12 |
| 0.5 Credit   | Prerequisite: | <b>US History</b>      | Recommendation Required: | No |
| <b>Course Description</b>  |               |                        |                          |    |
| <p>Government is designed to introduce students to the American system of government and explore ways in which citizens influence the decision-making process. This course will also examine the structure of the federal, state and local legal systems, including the executive and legislative branches of government as compared to other political systems in the world. Students will investigate the role of citizens within our system of law that gives individual rights and requires individual action, as well as determine personal responsibilities necessary for the success of our democratic society. Topics will be studied with the aid of textbooks, primary source documents, Socratic Seminars, individual research projects, group simulations, videos, and presentations. <b>U.S. Government satisfies the Graduation Requirement for 0.5 credit in required Senior History.</b></p> |               |                        |                          |    |

|            |               |  |                          |    |
|------------|---------------|--|--------------------------|----|
| History 12 | Course Name:  | <b>AP U.S. Government &amp; Politics</b> | Grade Level:             | 12 |
| 1 Credit   | Prerequisite: | US History and Letter of Interest        | Recommendation Required: | No |

**Course Description**

AP U.S. Government and Politics is a survey of American political systems, the role of the individual in a democracy, economic forces, exploration of major world political ideologies, and comparison of political systems. The focus will include; the 3 branches of U.S. government, the media, civil liberties, interest groups, public policy, economic policy, global political systems, and domestic and foreign public-policy issues. The goal of this one-semester, one-credit course is to provide students with the ability to understand concepts of governmental systems & skills to make educated judgments for responsible citizenship. There will be an emphasis on reading, understanding, and writing with the production of major projects and two research papers. If you successfully complete the examination in May, you may qualify for up to one year's credit in Political Science at most colleges. This class is designed to be both demanding and intellectually stimulating. It will require your best effort on a consistent basis, and will emphasize your developing independence of thought and mature habits of critical thinking. Students enrolled in AP U.S. Government & Politics are required to take the AP U.S. Government & Politics Exam in May at the student's expense. (The fee during the 2016-2017 school year was \$93.) Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees. AP U.S. Government & Politics carries weighted credit for final grades of A or B. ***AP U.S. Government & Politics satisfies the Graduation Requirement for 0.5 credit in required Senior History; the additional 0.5 credit will be counted as an elective.***

*Students interested in taking AP U.S. Government & Politics must submit a typed and printed letter of interest to Mr. Schwebach in Room 103 by the end of the school day on Friday, May 5, 2017. The letter should detail which Pre-AP/AP class(es) they are interested in taking, why they are interested in the course(s), and what specific skills they have that show preparedness for Advanced Placement course(s). Letters should be carefully proofread and submitted on time.*

# MATHEMATICS

*Pre-assessment placement tests are required for all incoming freshmen.*

*All math classes require teacher/department recommendation.*

|  |                      |                            |                                 |               |
|--|----------------------|----------------------------|---------------------------------|---------------|
| <b>Math</b>  | <b>Course Name:</b>  | <b>Algebra 1A – Part 1</b> | <b>Grade Levels:</b>            | <b>9 – 10</b> |
| <b>0.5 Credit</b>  | <b>Prerequisite:</b> | <b>None</b>                | <b>Recommendation Required:</b> | <b>Yes</b>    |
| <b>Course Description</b>  |                      |                            |                                 |               |
| <p>This is the first course in a two-term sequence of Algebra 1. This course generally covers the same topics as the first half (semester) of Algebra 1, including the study of properties of rational numbers (i.e. number theory), ratio, proportion, and estimation, exponents, and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first degree equations and inequalities. The course will also review arithmetic using rational numbers, basic geometry, and basic statistics. <b><i>This course must be followed by Algebra 1B – Part 2 in order to receive full credit for Algebra 1.</i></b></p> |                      |                            |                                 |               |

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|--|----------------------|----------------------------|---------------------------------|---------------|
| <b>Math</b>  | <b>Course Name:</b>  | <b>Algebra 1B – Part 2</b> | <b>Grade Levels:</b>            | <b>9 – 10</b> |
| <b>0.5 Credit</b>  | <b>Prerequisite:</b> | <b>Algebra 1A – Part 1</b> | <b>Recommendation Required:</b> | <b>Yes</b>    |
| <b>Course Description</b>  |                      |                            |                                 |               |
| <p>This is the second course in a two-term sequence of Algebra 1. This course generally covers the same topics as the second half (semester) of Algebra 1, including the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring polynomials, and solving simple quadratics. Enhancement topics could include set theory, solving systems of linear equations, and inequalities, and solving and graphing more complex quadratic equations.</p> |                      |                            |                                 |               |

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|---|----------------------|------------------|---------------------------------|---------------|
| <b>Math</b>   | <b>Course Name:</b>  | <b>Algebra 1</b> | <b>Grade Levels:</b>            | <b>9 – 10</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>None</b>      | <b>Recommendation Required:</b> | <b>Yes</b>    |
| <b>Course Description</b>   |                      |                  |                                 |               |
| <p>Students will analyze linear 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 systems of linear equations, and development of models of linear situations. Operations, factoring, and graphing quadratic equations and inequalities will also be explored as well as properties of exponents. Students will also engage in basic statistical sampling, representation, and analysis.</p> |                      |                  |                                 |               |

|  |                      |   |                                 |            |
|--|----------------------|---|---------------------------------|------------|
| <b>Math</b>  | <b>Course Name:</b>  | <b>Algebra 1 Honors</b>   | <b>Grade Level:</b>             | <b>9</b>   |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>A or B in 8<sup>th</sup> Grade Math Class, Pre-Assessment and Department Placement</b> | <b>Recommendation Required:</b> | <b>Yes</b> |
| <b>Course Description</b>  |                      |   |                                 |            |
| <p>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 equations and systems of equations, and development of models of linear and quadratic situations. Students will also engage in basic statistical sampling, representation, and analysis. 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.</p> |                      |   |                                 |            |

|  |                      |                  |                                 |                |
|--|----------------------|------------------|---------------------------------|----------------|
| <b>Math</b>  | <b>Course Name:</b>  | <b>Geometry</b>  | <b>Grade Levels:</b>            | <b>10 – 12</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>Algebra 1</b> | <b>Recommendation Required:</b> | <b>Yes</b>     |
| <b>Course Description</b>  |                      |                  |                                 |                |
| <p>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.</p> |                      |                  |                                 |                |

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|--|----------------------|---|---------------------------------|---------------|
| <b>Math</b>  | <b>Course Name:</b>  | <b>Geometry Honors</b>  | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>Algebra 1 Honors with grade of B or better or Algebra 1 with grade of A AND earn a 28 or higher on the Algebra 1 EOC;</b><br><br><b>Pre-assessment and Department Placement for incoming freshmen and earn a 28 or higher on the Algebra 1 EOC in 8<sup>th</sup> Grade</b> | <b>Recommendation Required:</b> | <b>Yes</b>    |
| <b>Course Description</b>  |                      |   |                                 |               |
| 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. |                      |   |                                 |               |

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|--|----------------------|----------------------------|---------------------------------|----------------|
| <b>Math</b>  | <b>Course Name:</b>  | <b>Algebra 2A – Part 1</b> | <b>Grade Levels:</b>            | <b>10 – 12</b> |
| <b>0.5 Credit</b>  | <b>Prerequisite:</b> | <b>Geometry</b>            | <b>Recommendation Required:</b> | <b>Yes</b>     |
| <b>Course Description</b>  |                      |                            |                                 |                |
| This is the first course in a two course sequence of Algebra 2. This course generally covers the same topics as the first half (semester) of Algebra 2 including linear systems, quadratic equations and polynomials. This course will also review number sense, linear equations and linear inequalities. <i><b>This course must be followed by Algebra 2B in order to receive full credit for Algebra 2.</b></i> |                      |                            |                                 |                |

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|---|----------------------|----------------------------|---------------------------------|----------------|
| <b>Math</b>   | <b>Course Name:</b>  | <b>Algebra 2B – Part 2</b> | <b>Grade Levels:</b>            | <b>10 – 12</b> |
| <b>0.5 Credit</b>   | <b>Prerequisite:</b> | <b>Geometry</b>            | <b>Recommendation Required:</b> | <b>Yes</b>     |
| <b>Course Description</b>   |                      |                            |                                 |                |
| This is the second course in a two course sequence of Algebra 2. This course generally covers the same topics as the second half (semester) of Algebra 2 including roots, radicals, rational equations, logarithm equations, exponential equations, trigonometry, sequences, series, and probability. |                      |                            |                                 |                |

|   |                      |                  |                                 |                |
|---|----------------------|------------------|---------------------------------|----------------|
| <b>Math</b>   | <b>Course Name:</b>  | <b>Algebra 2</b> | <b>Grade Levels:</b>            | <b>10 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>Geometry</b>  | <b>Recommendation Required:</b> | <b>Yes</b>     |
| <b>Course Description</b>   |                      |                  |                                 |                |
| 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. |                      |                  |                                 |                |

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|---|----------------------|--|---------------------------------|---------------|
| <b>Math</b>   | <b>Course Name:</b>  | <b>Algebra 2 Honors</b>  | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>Geometry Honors with grade of B or better or Geometry with grade of A AND earn a 28 or higher on the Geometry EOC</b> | <b>Recommendation Required:</b> | <b>Yes</b>    |
| <b>Course Description</b>   |                      |  |                                 |               |
| 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. |                      |  |                                 |               |



|   |               |   |                          |         |
|---|---------------|---|--------------------------|---------|
| Math<br>DUAL CREDIT   | Course Name:  | <b>MATH 1310 – Intermediate Algebra</b>             | Grade Levels:            | 10 – 12 |
| 1 Credit<br>FALL TERM   | Prerequisite: | Accuplacer Elementary Algebra Score of 66 or higher | Recommendation Required: | Yes     |
| <b>Course Description</b>   |               |   |                          |         |
| <p>MATH 1310 is a CNM dual credit course that is equivalent to high school Algebra 2. Students earn 1.0 math credit from EMHS and 4.0 college credits from CNM. This course is taught by a CNM instructor on the EMHS campus and meets twice a week. Students will investigate exponents and polynomial, rational and radical expressions and equations. Students will also be introduced to graphing and functions. A graphing calculator may be required for this course. This course carries honors credit for Algebra 2 Honors.</p> |               |   |                          |         |

|   |               |                                |                          |     |
|---|---------------|--------------------------------|--------------------------|-----|
| Math  | Course Name:  | <b>Financial Literacy Math</b> | Grade Levels:            | 12  |
| 1 Credit  | Prerequisite: | Algebra 2                      | Recommendation Required: | Yes |
| <b>Course Description</b>   |               |                                |                          |     |
| <p>Financial Literacy as a mathematics course satisfies the fourth year mathematics requirement and is designed to apply algebra, geometry, and consumer topics to real life. The student gains an understanding of finance in mathematical terms and gains confidence in his/her ability to manage money as it pertains to his/her 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 he/she embarks on a new life that prepares him/her for a career, post graduate studies, the world of work, and independent living. <i>This class does NOT meet NCAA course requirements.</i></p> |               |                                |                          |     |

|  |               |  |                          |         |
|--|---------------|--|--------------------------|---------|
| Math<br>DUAL CREDIT  | Course Name:  | <b>MATH 1315 – College Algebra</b>   | Grade Levels:            | 10 – 12 |
| 1 Credit<br>FALL OR<br>SPRING TERM   | Prerequisite: | MATH 1310 OR Accuplacer Elementary Algebra Score of 104 or higher OR Accuplacer College Level Math Score of 37 or higher | Recommendation Required: | Yes     |
| <b>Course Description</b>  |               |  |                          |         |
| <p>MATH 1315 is a CNM dual credit course that meets the UNM Core Curriculum requirement in Math. Students earn 1.0 math credit from EMHS and 3.0 college credits from CNM. This course is taught by a CNM instructor on the EMHS campus and meets twice a week. Students will investigate functions and their graphs; and linear, quadratic, polynomial, rational, exponential and logarithmic functions. A graphing calculator may be required for this course.</p> |               |  |                          |         |

|   |               |   |                          |         |
|---|---------------|---|--------------------------|---------|
| Math<br>DUAL CREDIT   | Course Name:  | <b>MATH 1330 – Introduction to Probability and Statistics</b> | Grade Levels:            | 10 – 12 |
| 1 Credit<br>SPRING TERM   | Prerequisite: | Accuplacer Elementary Algebra Score of 66 or higher           | Recommendation Required: | Yes     |
| <b>Course Description</b>   |               |   |                          |         |
| <p>MATH 1330 is a CNM dual credit course. Students earn 1.0 math credit from EMHS and 3.0 college credits from CNM. This course is taught by a CNM instructor on the EMHS campus and meets twice a week. This course introduces basic concepts in probability and statistics including simple data analysis and descriptive statistics, probability and probability models, sampling and statistical inference with applications from varied fields. A graphing calculator may be required for this course.</p> |               |   |                          |         |

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|---|----------------------|---|---------------------------------|----------------|
| <b>Math</b>   | <b>Course Name:</b>  | <b>Trigonometry/Math Analysis</b>               | <b>Grade Levels:</b>            | <b>10 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>Algebra 2, Algebra 2 Honors or MATH 1310</b> | <b>Recommendation Required:</b> | <b>Yes</b>     |
| <b>Course Description</b>   |                      |   |                                 |                |
| <p>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 and Calculus classes, an in-depth study of trigonometric identities and equations, functions and graphs, vectors, parametric equations, polar coordinates, and complex numbers will also be studied.</p> |                      |   |                                 |                |

|   |                      |  |                                 |                |
|---|----------------------|--|---------------------------------|----------------|
| <b>Math</b>   | <b>Course Name:</b>  | <b>Pre-Calculus Honors</b>   | <b>Grade Levels:</b>            | <b>11 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>Trigonometry with grade of A or B or Permission of Instructor</b> | <b>Recommendation Required:</b> | <b>Yes</b>     |
| <b>Course Description</b>   |                      |  |                                 |                |
| <p>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 in-depth trigonometry, three-dimensional vectors, matrices, polar coordinates, logarithms, sequences and series, polynomial functions and their graphs, limits, and an introduction to derivatives. 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.</p> |                      |  |                                 |                |

|   |                      |   |                                 |                |
|---|----------------------|---|---------------------------------|----------------|
| <b>Math</b>   | <b>Course Name:</b>  | <b>AP Calculus AB</b>   | <b>Grade Levels:</b>            | <b>11 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>Pre-Calculus Honors with grade of A or B or Permission of Instructor</b> | <b>Recommendation Required:</b> | <b>Yes</b>     |
| <b>Course Description</b>   |                      |   |                                 |                |
| <p>This course 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 3 big ideas: Limits, Derivatives, and Integrals. Students will apply their knowledge of concepts, particularly the Fundamental Theorem of Calculus, through problem solving, and enhance their mathematical communication skills by describing their processes. This course follows all College Board criteria. At the end of the course, the AP exam will be administered after thorough review using 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. <u>Students enrolled in AP Calculus AB are required to take the AP Calculus AB Exam in May at the student's expense.</u> (The fee during the 2016-2017 school year was \$93.) Students who qualify for free or reduced lunch are eligible to receive a fee reduction/waiver for AP fees.</p> |                      |   |                                 |                |

# SCIENCE

## *Required course for all freshmen:*

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|--|---------------|-------------------------|--------------------------|----|
| Science  | Course Name:  | <b>Physical Science</b> | Grade Level:             | 9  |
| 1 Credit   | Prerequisite: | None                    | Recommendation Required: | No |
| <b>Course Description</b>  |               |                         |                          |    |
| <p>This class is an introductory survey of physical science and chemistry. In order to understand these principles, there will be a strong emphasis on physical and chemical theories. Among the concepts covered are: energy (nuclear, mechanical, and electromagnetic) motion and forces, matter including atomic structure, pure substances and mixtures, states of matter, physical and chemical properties and changes, and the use of the Periodic Table. This class relies heavily on activities to aid in the learning process. The class relies on inquiry-based learning and emphasizes critical thinking skills, problem solving skills, and study skills that will assist the student in all areas of the science curriculum. The class seeks to foster the math skills necessary for chemistry and physics.</p> |               |                         |                          |    |

## *Required course for all sophomores:*

|  |               |                  |                          |    |
|--|---------------|------------------|--------------------------|----|
| Science  | Course Name:  | <b>Biology</b>   | Grade Level:             | 10 |
| 1 Credit   | Prerequisite: | Physical Science | Recommendation Required: | No |
| <b>Course Description</b>  |               |                  |                          |    |
| <p>The content of biology addresses how organisms operate on the cellular level and how they have evolved over time to survive in their ever-changing environment. In order to understand these principles, there will be a strong emphasis on basic chemistry concepts like the properties of water, chemical bonding, the significance of pH, and enzyme kinetics. Topics in this course include: basic chemistry of life, characteristics of living things, cell organization, principles of genetics, mechanisms of reproduction, evolutionary theory, taxonomy, and ecology. This course will employ a combination of teaching methods so as to enhance student learning and the realization of these topics in the real world.</p> |               |                  |                          |    |

## *Required course for all juniors:*

|   |               |  |                          |    |
|---|---------------|--|--------------------------|----|
| Science   | Course Name:  | <b>Environmental Science Honors</b>  | Grade Level:             | 11 |
| Year Long Course<br>2 Credits   | Prerequisite: | Two Science credits and concurrent enrollment in English 11 or US History 11 | Recommendation Required: | No |
| <b>Course Description</b>   |               |  |                          |    |
| <p>The Junior Environmental Science class is a year-long, two credit Honors class. This addition to the EMHS Honors Program steers all EMHS students towards targeted college readiness skills and ACT Science preparation. Its depth of curriculum focuses on collaboration and project management skills through the application of topics regarding Earth processes and their relationships to human interactions within ecosystems, in social contexts and in globalization. This course provides all EMHS students the opportunity to expand their basic scientific knowledge in order to help them understand how science is applied in the real world through environmental perspectives. This course integrates and applies students' previous knowledge of Physical Science, Chemistry, and Biology. In addition, the nature of Environmental Science is such that students will also learn the connections between science, politics, history, and culture.</p> |               |  |                          |    |

*Students wishing to waive the Environmental Science requirement with CHEM 1410 and PHYS 1010 must submit the waiver application and have approval from Ms. Salazar and Mr. Schulke.*

**Please note:** Technically, students will have completed their science requirements at the end of the Environmental Science Honors course. However, it is strongly recommended that students continue to take upper division courses such as Anatomy & Physiology, ASTR 1110, CHEM 1410, and/or PHYS 1010, especially if their college interests lie in the science, engineering, or medical fields.

|  |               |                                 |                          |         |
|--|---------------|---------------------------------|--------------------------|---------|
| Science Elective   | Course Name:  | <b>Anatomy &amp; Physiology</b> | Grade Levels:            | 10 – 12 |
| 1 Credit   | Prerequisite: | Biology                         | Recommendation Required: | Yes     |
| <b>Course Description</b>  |               |                                 |                          |         |
| Anatomy and Physiology are a complimentary pairing of two separate sciences that provide a way for students to look at and understand the human body. Anatomy itself really refers to the structures that make up the human body (location and name, for example) and the relationships that the structures have with other systems and to the body as a whole. Physiology refers to the study of the function of these structures. Special emphasis is also placed on common problems posed in today's society and their solutions, if any. The emphasis and general philosophy continues to be to teach students in a way that is interesting and creative, while stimulating their own thought processes and encouraging investigation at all levels. <i>This course is a Science Elective and does not satisfy the four science credits required for graduation.</i> |               |                                 |                          |         |

|  |               |  |                          |         |
|--|---------------|--|--------------------------|---------|
| Science Elective<br>DUAL CREDIT  | Course Name:  | <b>ASTR 1110 – Introduction to Stellar and Galactic Astronomy</b>  | Grade Levels:            | 10 – 12 |
| 1 Credit<br>SPRNG TERM   | Prerequisite: | Required: Accuplacer Reading score of 80 or higher AND Accuplacer Elementary Algebra score of 66 or higher | Recommendation Required: | Yes     |
| <b>Course Description</b>  |               |  |                          |         |
| ASTR 1110 is a CNM dual credit course that meets the UNM Core Curriculum requirement in Science. Students earn 1.0 credit from EMHS and 3.0 college credits from CNM. This course is taught by a CNM instructor on the EMHS campus and will meet twice a week. This is a dual credit course and introduces the science of astronomy, focusing on the historical development of astronomy, radiation, spectroscopy, telescopes and the exploration of the solar system. A working knowledge of basic algebra will be useful in this course. <i>This course is a Science Elective and does not satisfy the four science credits required for graduation.</i> |               |  |                          |         |

|   |               |  |                          |         |
|---|---------------|--|--------------------------|---------|
| Science Elective<br>DUAL CREDIT   | Course Name:  | <b>CHEM 1410 – Introduction to Chemistry</b>   | Grade Levels:            | 10 – 12 |
| 1 Credit<br>SPRING TERM   | Prerequisite: | Accuplacer Reading score of 80 or higher AND Accuplacer Elementary Algebra score of 41 or higher | Recommendation Required: | Yes     |
| <b>Course Description</b>   |               |  |                          |         |
| CHEM 1410 is a CNM dual credit course that meets the UNM Core Curriculum requirement in Science. Students earn 1.0 credit from EMHS and 3.0 college credits from CNM. This course is taught by a CNM instructor on the EMHS campus and will meet twice a week. This is a dual credit course and introduces qualitative and quantitative aspects of general chemistry: atomic and molecular structure, periodic table, acids and bases, mass relationships, solutions and brief introduction to organic chemistry. <i>This course is a Science Elective and does not satisfy the four science credits required for graduation unless the Environmental Science Waiver is approved.</i> |               |  |                          |         |

|  |               |  |                          |         |
|--|---------------|--|--------------------------|---------|
| Science Elective<br>DUAL CREDIT  | Course Name:  | <b>PHYS 1010 – Introduction to Physics</b> | Grade Levels:            | 10 – 12 |
| 1 Credit<br>FALL TERM  | Prerequisite: | Accuplacer Reading Score of 80 or higher   | Recommendation Required: | Yes     |
| <b>Course Description</b>  |               |  |                          |         |
| PHYS 1010 is a CNM dual credit course that meets the UNM Core Curriculum requirement in Science. Students earn 1.0 credit from EMHS and 3.0 college credits from CNM. This course is taught by a CNM instructor on the EMHS campus and will meet twice a week. This course presents the classic laws of physics and their modern day applications as appropriate for the advanced student. Topics focus on mechanics and include properties of motion, forces in and out of equilibrium, conservation laws including energy and momentum, universal gravitation, Newton's laws of motion, and Kepler's laws of planetary motion. Additional topics, as time allows, are fluid mechanics, thermodynamics and waves. <i>This course is a Science Elective and does not satisfy the four science credits required for graduation unless the Environmental Science Waiver is approved.</i> |               |  |                          |         |

## FOREIGN LANGUAGE

|  |                      |                  |                                 |               |
|--|----------------------|------------------|---------------------------------|---------------|
| <b>Foreign Language</b>  | <b>Course Name:</b>  | <b>Spanish 1</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>None</b>      | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>  |                      |                  |                                 |               |
| <p>Spanish 1 is an introduction to the Spanish language. With a focus on reading, speaking, writing and listening, students develop a foundation for communicating in Spanish. Units of vocabulary and associated grammatical structures are related to real life with the goal of facilitating functional communication in a Spanish-speaking country. Cultural similarities and differences between English and Spanish speaking countries are explored. Lessons are presented in a variety of ways including paired activities, group activities, oral presentations, and review games. Homework is given daily for additional practice and retention. <i>This course <b>must</b> be immediately followed by Spanish 2 if taken to fulfill Foreign Language requirements the next term it is offered.</i></p> |                      |                  |                                 |               |

|   |                      |  |                                 |               |
|---|----------------------|--|---------------------------------|---------------|
| <b>Foreign Language</b>   | <b>Course Name:</b>  | <b>Spanish 2</b>   | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>Spanish 1 OR minimum 80% earned in a middle school Spanish course</b> | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>   |                      |  |                                 |               |
| <p>This course is a continuation of Level 1 with further exploration in the reading, speaking, writing, and listening facets of a modern language. With an emphasis on expansion of basic communication skills, students should be able to engage in intermediate level conversations built on a foundation of practical vocabulary and fundamental grammatical structures. Spanish 2 delves deeper into more complex grammatical structures. The similarities and differences between English-speaking and Spanish-speaking cultures continue to be explored.</p> <p><i>Incoming freshmen intending on enrolling in Spanish 2 without taking Spanish 1 at EMHS must submit a transcript with high school Spanish 1 credit taken in 8<sup>th</sup> grade in order for the credit to be awarded. Otherwise, students will still be required to fulfill two credits in high school Spanish, in this case Spanish 2 and 3.</i></p> |                      |  |                                 |               |

# PHYSICAL EDUCATION

|  |                      |                           |                                 |               |
|--|----------------------|---------------------------|---------------------------------|---------------|
| <b>Physical Education</b>  | <b>Course Name:</b>  | <b>Physical Education</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>None</b>               | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>  |                      |                           |                                 |               |
| <p>The EMHS Physical Education class 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. During the warmer months, class activities include tag games, ultimate Frisbee, speedball, soccer, capture the flag, lacrosse, flag football, field hockey, tag rugby, and others. Throughout the colder days, the students are involved in indoor activities such as volleyball, basketball, badminton, weight training, circuit training, aerobics, step aerobics, yoga, and dancing. Lastly, students are 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. <i>Offered as 1.0 credit towards Physical Education requirements.</i></p> |                      |                           |                                 |               |

## COLLEGE SUCCESS & HEALTH

College Success and Health are required courses for all sophomores.

|  |               |   |                          |    |
|--|---------------|---|--------------------------|----|
| Required Elective<br><b>DUAL CREDIT</b>  | Course Name:  | <b>CSE 1101 – College Success</b>   | Grade Level:             | 10 |
| 1 Credit   | Prerequisite: | Accuplacer Reading and Sentence Skills combined score of 125 or higher <b>OR</b> Permission of Instructor | Recommendation Required: | No |
| <b>Course Description</b>  |               |   |                          |    |
| <p><b>College Success is a dual credit in the high school course. Students earn 1.0 elective credit from EMHS and 3.0 college credits from CNM.</b> The course introduces students to 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 proved principles for active learning, self-motivation, self-management, self-awareness, and interdependence. In addition, this course aims to help students prepare for national standardized tests such as the ACT and SAT. Students will learn problem solving and test taking strategies. <b>This course is required for all sophomores and will be taken opposite of Health in either the Fall or Spring Term.</b></p> |               |   |                          |    |

|   |               |               |                          |    |
|---|---------------|---------------|--------------------------|----|
| Health  | Course Name:  | <b>Health</b> | Grade Level:             | 10 |
| 0.5 Credit  | Prerequisite: | None          | Recommendation Required: | No |
| <b>Course Description</b>   |               |               |                          |    |
| <p>This course provides knowledge and skills practice in a variety of health topics including mental and emotional health, nutrition, drug use prevention, healthy relationships and sexual education. The focus is on projects and discussion. The New Mexico PED Standards and Objectives are followed as a guide to the curriculum. <b>This course is required for all sophomores and will be taken opposite of College Success in either the Fall or Spring Term.</b></p> |               |               |                          |    |

# ELECTIVES

The following courses are **POSSIBLE** Elective Offerings for the 2017 – 2018 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.

## Fine Arts Electives

### Art Electives:

|   |               |                     |                          |        |
|---|---------------|---------------------|--------------------------|--------|
| Fine Arts Elective  | Course Name:  | <b>Creative Art</b> | Grade Levels:            | 9 – 12 |
| 1 Credit  | Prerequisite: | None                | Recommendation Required: | No     |
| <b>Course Description</b>   |               |                     |                          |        |
| <p>Creative Arts 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. Additionally, this course will discuss ideas of color theory and 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. <i>Creative Art requires a Course Materials Fee of \$25. This course meets the Fine Arts requirement.</i></p> |               |                     |                          |        |

|   |               |  |                          |        |
|---|---------------|--|--------------------------|--------|
| Fine Arts Elective  | Course Name:  | <b>Painting and Drawing 1</b>          | Grade Levels:            | 9 – 12 |
| 1 Credit  | Prerequisite: | Creative Art or teacher recommendation | Recommendation Required: | No     |
| <b>Course Description</b>   |               |  |                          |        |
| <p>Painting and Drawing 1 is the next installation in the art curriculum whose major emphasis is on painting and drawing. Students will be exposed to a variety of media to allow expression and further their personal exploration into media that was touched on during Creative Art. Among the media introduced or explored are: drawing with various materials, advanced screen printing, wood burning, pen and ink, watercolor, gouache, acrylic and oil based paint, and collage. Students are also taught how to stretch and prime canvas with the use of power tools as well as proper ways to handle paper and other materials to produce a quality finished project. Again, major emphasis is placed on verbalization and expression through critique and open discussion. Critiques are spaced throughout the term with a final critique that displays personal growth. Other areas of interest in this class are a pairing of student with a contemporary living and working artist that the student will study, learn from and emulate as the term progresses. Considerable effort must be put in towards the student's sketch book work and personal meetings with the instructor. Particular areas of study, in either painting or drawing, are in the following areas: texture, minimalism, composition and purpose, use of medium to achieve meaning, hidden or obliterated images, the relationship between love and hate, and figurative relationships. <i>Painting and Drawing requires a Course Materials Fee of \$25.</i></p> |               |  |                          |        |

|  |               |  |                          |         |
|--|---------------|--|--------------------------|---------|
| Fine Arts Elective   | Course Name:  | <b>Painting and Drawing 2</b>                    | Grade Levels:            | 10 – 12 |
| 1 Credit   | Prerequisite: | Painting and Drawing 1 or teacher recommendation | Recommendation Required: | No      |
| <b>Course Description</b>  |               |  |                          |         |
| <p>This is the second installation of a class where the major emphasis is on painting and/or drawing. The main goal is to further explore student's personal interests and development stylistically as well as do exercises and projects to expand a student's range of abilities. Various media will be used to do a variety of work with varying emphasis. Among the areas that the students will explore in this class are as follows: landscapes, figure drawing from models, portraiture, monotypes and other advanced printing techniques, large scale painting and drawing, installation work, combine paintings, and most notably doing work for a prolonged period that would be indicative of a series. Again, critiques are used to generate ideas, conversation, and create positive verbalization for all students. Work in the sketch book should be expanding to cover more planning ideas, diary work and reflect personal growth, frustration and a record of what is or isn't working for the student. Also emphasized is a direction for portfolio quality work and drive towards Painting and Drawing 3. <i>Painting and Drawing 2 requires a Course Materials Fee of \$25.</i></p> |               |  |                          |         |



|   |               |  |                          |         |
|---|---------------|--|--------------------------|---------|
| Fine Arts Elective  | Course Name:  | <b>Painting and Drawing 3</b>                    | Grade Levels:            | 10 – 12 |
| 1 Credit  | Prerequisite: | Painting and Drawing 2 or teacher recommendation | Recommendation Required: | No      |
| <b>Course Description</b>   |               |  |                          |         |
| <p>Students will work on art that stylistically represents who and what they are, as well as the time and effort that they have put into the program. A portfolio of student work should be finished by the student with the completion of the Painting and Drawing sequence. There will be a culminating show of that student's work at a specific site to be the final mark of all student work. The portfolio will be used by the students in applying for art related scholarships. Particular emphasis will also be placed on making the show happen: making announcements, frames for work and making work presentable in a more professional manner, and organizing and carrying out the event in its entirety. <i>Painting and Drawing 3 requires a Course Materials Fee of \$25.</i></p> |               |  |                          |         |

### Computer Graphics Elective:

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|--|---------------|------------------------|--------------------------|--------|
| Fine Arts Elective   | Course Name:  | <b>Adobe Photoshop</b> | Grade Levels:            | 9 – 12 |
| 1 Credit   | Prerequisite: | None                   | Recommendation Required: | No     |
| <b>Course Description</b>  |               |                        |                          |        |
| <p>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 can have tremendous value in creative fine arts. Topics will include working with palettes, using selection, painting and adjustment tools, graphic design, and learning to create vector shapes and paths. Each student will show his/her accumulated skills by progressively creating more complex images through project based curriculum. Students will explore additional topics such as creating animated images and optimizing images for the web. Image file types, resolution and preparing images for output will be covered in greater depth. Each student will show his/her accumulated skills by displaying his/her work and sharing techniques with his/her peers. <i>This course meets the Fine Arts requirement.</i></p> |               |                        |                          |        |

### Music Electives:

|   |               |                               |                          |        |
|---|---------------|-------------------------------|--------------------------|--------|
| Fine Arts Elective  | Course Name:  | <b>Music 1 – Fundamentals</b> | Grade Levels:            | 9 – 12 |
| 1 Credit  | Prerequisite: | None                          | Recommendation Required: | No     |
| <b>Course Description</b>   |               |                               |                          |        |
| <p>Music 1 is an introductory class aimed at familiarizing the new or intermediate music student with music theory, performance strategies, and basic music composition skills. Students will be introduced to music theory through the text book <i>Alfred's Music Fundamentals</i>. Each student will learn standard notation reading skills, chord theory, scale theory, ear training and song structure. Students will be assessed through written assignments and performance-based tests, either alone or in groups. Students will use guitars to study basic skills; however, all instruments are welcome in the ensemble setting. <i>This course meets the Fine Arts requirement.</i></p> |               |                               |                          |        |

|  |               |                                |                          |        |
|--|---------------|--------------------------------|--------------------------|--------|
| Fine Arts Elective   | Course Name:  | <b>Music 2 – Composition I</b> | Grade Levels:            | 9 – 12 |
| 1 Credit   | Prerequisite: | Music 1                        | Recommendation Required: | No     |
| <b>Course Description</b>  |               |                                |                          |        |
| <p>Music 2 is a more in depth study of music composition for small ensemble groups. All instruments are welcome. Students will learn about diatonic chord theory, melodic phrasing, musical forms, as well as using expression tools. Each student will compose instrumental pieces using techniques discussed in class, as well as record their compositions in a live setting. Assessments will be done on both compositions and performances.</p> |               |                                |                          |        |

|  |               |                                 |                          |         |
|--|---------------|---------------------------------|--------------------------|---------|
| Fine Arts Elective   | Course Name:  | <b>Music 3 – Composition II</b> | Grade Levels:            | 10 – 12 |
| 1 Credit   | Prerequisite: | Music 2                         | Recommendation Required: | No      |
| <b>Course Description</b>  |               |                                 |                          |         |
| <p>The continuation of Music 2, this course is aimed at developing a strong knowledge of diatonic chords, melodic phrasing, chord extensions, modal forms as well as musical textures. Students will compose for small groups, large ensemble, as well as record their compositions in a live setting. Assessments will be done on both compositions and performances.</p> |               |                                 |                          |         |

|   |               |  |                          |         |
|---|---------------|--|--------------------------|---------|
| Fine Arts Elective  | Course Name:  | <b>Recording Arts</b>                          | Grade Levels:            | 10 – 12 |
| 1 Credit  | Prerequisite: | Music 2 or Music 3 or Permission of Instructor | Recommendation Required: | Yes     |
| <b>Course Description</b>   |               |  |                          |         |
| <p>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 overall professionalism. Students will also learn some basic recording arts practices in the school's Digital Recording Studio. 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 music. Assessment will be based on creative input, effort, live performances and recordings.</p> |               |  |                          |         |

## Performing Arts Electives:

|  |               |                |                          |        |
|--|---------------|----------------|--------------------------|--------|
| Fine Arts Elective   | Course Name:  | <b>Drama 1</b> | Grade Levels:            | 9 – 12 |
| 1 Credit   | Prerequisite: | None           | Recommendation Required: | No     |
| <b>Course Description</b>  |               |                |                          |        |
| <p>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 semester 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! <b><i>Drama 1 requires a Course Materials Fee of \$25</i></b> to pay for scripts and royalties for performances. <b><i>This course meets the Fine Arts requirement.</i></b> "What is drama but life with the dull bits cut out." –Alfred Hitchcock</p> |               |                |                          |        |

|  |               |                |                          |         |
|--|---------------|----------------|--------------------------|---------|
| Fine Arts Elective   | Course Name:  | <b>Drama 2</b> | Grade Levels:            | 10 – 12 |
| 1 Credit   | Prerequisite: | Drama 1        | Recommendation Required: | No      |
| <b>Course Description</b>  |               |                |                          |         |
| <p>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 two theater performances during the semester and provide written critiques of these performances. Students of Drama 2 should be dedicated to theater and building on the skills they gained in Drama 1. <b><i>Drama 2 requires a Course Materials Fee of \$35</i></b> which includes the cost of fees involved with scripts and royalties for performances. The fee could increase to \$75 if personal stage make-up kits are purchased.</p> |               |                |                          |         |

## Foreign Language Electives

|  |               |                  |                          |         |
|--|---------------|------------------|--------------------------|---------|
| Foreign Language Elective  | Course Name:  | <b>Spanish 3</b> | Grade Levels:            | 10 – 12 |
| 1 Credit   | Prerequisite: | Spanish 2        | Recommendation Required: | Yes     |
| <b>Course Description</b>  |               |                  |                          |         |
| <p>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. The course will review grammar previously taught in levels one and two, and will then introduce two past tenses (preterite and imperfect), the present perfect, future, conditional, and commands. A short story will be included in each unit. Students will write Spanish compositions up to one page in length, and will be required to make an effort to communicate in Spanish during and outside of class. With an emphasis on expansion of basic communication skills, students will be able to engage in intermediate level conversations built on a foundation of practical vocabulary and fundamental grammatical structures. The similarities and differences between English-speaking and Spanish-speaking cultures continue to be explored. Qualifying students are encouraged to continue into Spanish IV and take the CLEP (College Level Exam Placement) exam which may entitle them to college level credits.</p> |               |                  |                          |         |

|  |               |                  |                          |         |
|--|---------------|------------------|--------------------------|---------|
| Foreign Language Elective  | Course Name:  | <b>Spanish 4</b> | Grade Levels:            | 10 – 12 |
| 1 Credit   | Prerequisite: | Spanish 3        | Recommendation Required: | Yes     |
| <b>Course Description</b>  |               |                  |                          |         |
| <p>This course is designed for the student who wants to become adept in the Spanish language. Spanish IV will prepare students to continue language learning at the college level. Daily verbal participation in Spanish is extremely important in this class! The course will address advanced grammar, concluding all tenses and aspects of the indicative mood, and introducing the subjunctive mood. Students will be exposed to art, music and history of the Spanish speaking world. Students will enhance their reading comprehension, listening, speaking and writing skills. At the end of the course, students are encouraged to take the CLEP (College Level Exam Placement) exam, which may entitle them to college level credits.</p> |               |                  |                          |         |

|  |               |  |                          |         |
|--|---------------|--|--------------------------|---------|
| Foreign Language Elective  | Course Name:  | <b>Spanish 5 Honors – Literature and Culture</b> | Grade Levels:            | 11 – 12 |
| 1 Credit   | Prerequisite: | Spanish 4  | Recommendation Required: | Yes     |
| <b>Course Description</b>  |               |  |                          |         |
| <p>This course is for students who have learned advanced syntax and extensive vocabulary in the Spanish language, but are seeking more practice with applying these skills. Experiences with real-world use of the language will be the focus this semester. Students will engage with and discuss literature, current events, and popular culture of the Spanish-speaking world. We will include some theatrical elements in our daily classes, through both scripted and improvisation performances. Additionally, students will be required to engage with Spanish-speakers outside of class, through a variety of resources available in our community. Reflection, 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 credit with the permission of the instructor.</p> |               |  |                          |         |

## General Electives

|  |               |  |                          |         |
|--|---------------|--|--------------------------|---------|
| General Elective   | Course Name:  | <b>Academic Internship</b>   | Grade Levels:            | 11 – 12 |
| 1 Credit   | Prerequisite: | Open to juniors and seniors with a cumulative GPA of 2.5 or higher | Recommendation Required: | Yes     |
| <b>Course Description</b>  |               |  |                          |         |
| <p>The mentorship program at EMHS is a wonderful opportunity for motivated and curious 11<sup>th</sup> and 12<sup>th</sup> grade students to gain real-world experience in careers that interest them. Through this experience, students will build relationships with professionals/experts in a field selected by the student and gain insight into the actual work situations, information, and technology involved in these professions. Students will pursue self-selected topics of interest in great depth and breadth, guided by their mentor, and will gain a greater understanding of what it is like to work in their field of interest by the conclusion of their mentorship. At the end of the mentorship, a final project is required. The focus of the program 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. Other hours on campus may be required by the teacher. Students may participate in the mentorship program during the Fall, Spring or both terms. <i>Participation in the mentorship program requires access to reliable transportation and a high level of personal integrity and responsibility. Due to the unique demands of this course, students must apply and be accepted into the program prior to enrolling in the course. Interested students can pick up an application packet from Ms. Berlin.</i></p> |               |  |                          |         |

|   |               |                             |                          |        |
|---|---------------|-----------------------------|--------------------------|--------|
| General Elective  | Course Name:  | <b>English Intervention</b> | Grade Levels:            | 9 – 10 |
| 1 Credit  | Prerequisite: | None                        | Recommendation Required: | No     |
| <b>Course Description</b>   |               |                             |                          |        |
| <p>This class will offer support to students who need assistance with the English 9 or English 10 core course. This class can be taken concurrently with the required course, or in preparation, prior to taking the required course. The class will emphasize the skills, concepts and processes needed by the students to be successful in English 9 or English 10.</p> |               |                             |                          |        |

|  |                      |                          |                                 |               |
|--|----------------------|--------------------------|---------------------------------|---------------|
| <b>General Elective</b>  | <b>Course Name:</b>  | <b>Math Intervention</b> | <b>Grade Levels:</b>            | <b>9 – 10</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>None</b>              | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>  |                      |                          |                                 |               |
| This class will offer support to students who need assistance with the Algebra 1 core course. This class can be taken concurrently with the required course, or in preparation, prior to taking the required course. The class will emphasize the skills, concepts and processes needed by the students to be successful in Algebra 1. |                      |                          |                                 |               |

|   |                      |                                 |                                 |                |
|---|----------------------|---------------------------------|---------------------------------|----------------|
| <b>General Elective</b>   | <b>Course Name:</b>  | <b>Online Course in the SGC</b> | <b>Grade Levels:</b>            | <b>10 – 12</b> |
| <b>Not offered for credit</b>   | <b>Prerequisite:</b> | <b>None</b>                     | <b>Recommendation Required:</b> | <b>No</b>      |
| <b>Course Description</b>   |                      |                                 |                                 |                |
| This course is intended for students who desire a quiet place to complete on-line coursework. Students must be self-motivated and responsible for their own learning. This course will be offered in the Student Guidance Center, so access to computers is available. Course credit comes from the online course in which the student is enrolled. |                      |                                 |                                 |                |

|   |                      |                              |                                 |                |
|---|----------------------|------------------------------|---------------------------------|----------------|
| <b>General Elective</b>   | <b>Course Name:</b>  | <b>Structured Study Hall</b> | <b>Grade Levels:</b>            | <b>9 – 12</b>  |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>None</b>                  | <b>Recommendation Required:</b> | <b>Per IEP</b> |
| <b>Course Description</b>   |                      |                              |                                 |                |
| This course is intended to provide students with the opportunity to complete assignments in a quiet, supervised, and structured environment. The student must have an Individualized Education Program (IEP) and a recommendation from the Special Education Coordinator. |                      |                              |                                 |                |

|   |                      |                       |                                 |               |
|---|----------------------|-----------------------|---------------------------------|---------------|
| <b>General Elective</b>   | <b>Course Name:</b>  | <b>Teacher’s Aide</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>Not offered for credit</b>   | <b>Prerequisite:</b> | <b>None</b>           | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>   |                      |                       |                                 |               |
| Students may request to be a teacher’s aide only <u>once</u> during their educational career at EMHS. 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. |                      |                       |                                 |               |

## Humanities Electives

|  |                      |   |                                 |               |
|--|----------------------|---|---------------------------------|---------------|
| <b>Humanities Elective</b>   | <b>Course Name:</b>  | <b>Contemporary Issues through Film</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>None</b>                             | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>  |                      |   |                                 |               |
| 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 to 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. |                      |   |                                 |               |

|   |                      |                                  |                                 |               |
|---|----------------------|----------------------------------|---------------------------------|---------------|
| <b>Humanities Elective</b>  | <b>Course Name:</b>  | <b>Contemporary World Issues</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>None</b>                      | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>   |                      |                                  |                                 |               |
| This class is for students interested in having meaningful, complex, interesting discussions about the world we live in today! This course will study various political, economic, and social issues facing the world, including difficulties the United States faces. Current events from the 20 <sup>th</sup> and 21 <sup>st</sup> centuries will be highlighted. Another focus may be on historical causes or possible solutions to these issues; an interdisciplinary approach may be used. |                      |                                  |                                 |               |

|  |               |                         |                          |        |
|--|---------------|-------------------------|--------------------------|--------|
| Humanities Elective  | Course Name:  | <b>Creative Writing</b> | Grade Levels:            | 9 – 12 |
| 1 Credit   | Prerequisite: | None                    | Recommendation Required: | No     |
| <b>Course Description</b>  |               |                         |                          |        |
| Students explore the structure and form of both fiction and non-fiction writing styles. Students work to develop vocabulary, sentence structure, imagery, and storytelling skills through self and peer editing, revision and intensive practice. Students will share work in class and will develop a portfolio to showcase their writing skills. |               |                         |                          |        |

|  |               |   |                          |         |
|--|---------------|---|--------------------------|---------|
| Humanities Elective<br><b>DUAL CREDIT</b>  | Course Name:  | <b>FIN 1010 – Financial Literacy Complete</b> | Grade Levels:            | 10 – 12 |
| 1 Credit   | Prerequisite: | None  | Recommendation Required: | No      |
| <b>Course Description</b>  |               |   |                          |         |
| <b>Financial Literacy Complete – Making Money Work is a dual credit in the high school course. Students earn 1.0 elective credit from EMHS and 3.0 college credits from CNM.</b> The course is designed to give students the opportunity to understand the concepts and principles involved in managing one’s personal finances. Topics may include saving and investing, credit cards and debt, insurance, taxes and social security, spending patterns, money management, and budget planning. This course introduces students to the basics of money management and financial skills necessary to meet real-world challenges. The course is interactive and will cover concepts and decision making through illustrations and real-life problems. This financial literacy course is offered as a dual credit <b>correspondence course</b> through CNM. <b>All instruction is on-line.</b> |               |   |                          |         |

|  |               |                                       |                          |        |
|--|---------------|---------------------------------------|--------------------------|--------|
| Humanities Elective  | Course Name:  | <b>History of Conspiracy Theories</b> | Grade Levels:            | 9 – 12 |
| 1 Credit   | Prerequisite: | None                                  | Recommendation Required: | No     |
| <b>Course Description</b>  |               |                                       |                          |        |
| This course is designed to explore the historical underpinnings of modern conspiracy theories and how they emerge during times of uncertainty, cynicism, and fear. Students will explore theories involving aliens including Roswell and Area 51, Assassinations of JFK, RFK and MLK, technological advancements such as the Moon Landing and NSA spying, and finally secret societies like Skull & Bones and Bilderberg. The use of primary source documents will be used to expand the known historical timeline including newspaper articles, eyewitness accounts, photographs, and science. This class is designed to be an engaging experience that explores the complexity of conspiracy theories especially during times of conflict. |               |                                       |                          |        |

|   |               |  |                          |         |
|---|---------------|--|--------------------------|---------|
| Humanities Elective<br><b>DUAL CREDIT</b>   | Course Name:  | <b>PHIL 1110 – Introduction to Philosophical Thought</b>             | Grade Levels:            | 10 – 12 |
| 1 Credit  | Prerequisite: | Accuplacer Reading score of 80 or higher or Permission of Instructor | Recommendation Required: | No      |
| <b>Course Description</b>   |               |  |                          |         |
| Introduction to Philosophical Thought surveys the philosophical issues addressed by thinkers of the Western tradition and other world traditions. It introduces students to come of the more common philosophical problems that have persisted in the field of philosophy and encourages students to engage these ideas with thinkers' historical and social contexts in mind. The problems addressed in the course include, but are not limited to: whether there is truth and how it can be known, the nature of reality, the existence of God, personal identity, how to live well, and how to best organize society. The course requires extremely rigorous reading skills and will demand a significant amount of students' time and brainpower to be successful. <b>PHIL 1110 is included within UNM's Core Curriculum. As such, students should expect a degree of rigor typical to a college class in the course. PHIL 1110 is a dual credit in the high school course so it meets every day. Students earn 1.0 elective credit from EMHS and 3.0 college credits from CNM.</b> |               |  |                          |         |

|   |               |                        |                          |        |
|---|---------------|------------------------|--------------------------|--------|
| Humanities Elective   | Course Name:  | <b>Photojournalism</b> | Grade Levels:            | 9 – 12 |
| 1 Credit  | Prerequisite: | None                   | Recommendation Required: | No     |
| <b>Course Description</b>   |               |                        |                          |        |
| This course exposes students to the manner in which photography is used to convey information and experiences. The photojournalism course provides students with the opportunity to improve their photocomposition and film development skills, and to apply their art to journalistic endeavors. |               |                        |                          |        |

|   |                      |  |                                 |                |
|---|----------------------|--|---------------------------------|----------------|
| <b>Humanities Elective<br/>DUAL CREDIT</b>  | <b>Course Name:</b>  | <b>PSY 1105 – Introduction to Psychology</b>   | <b>Grade Levels:</b>            | <b>10 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>Accuplacer Reading score of 80 or higher OR ACT Reading score of 18 or higher OR credit in CSE 1101</b> | <b>Recommendation Required:</b> | <b>No</b>      |
| <b>Course Description</b>   |                      |  |                                 |                |
| <p><b>PSY 1105 is a dual credit, on-line course. Students earn 1.0 elective credit from EMHS and 3.0 college credits from CNM. This course introduces students to psychology as the scientific study of behavior and mental processes: methodology, psychobiology, learning, memory, personality, psychological disorders, therapy, personality and social psychology. PSY 1105 is offered as a dual credit <b>on-line course</b> through CNM. Students may complete this course in the Student Guidance Center or on their own and must be self-disciplined and organized in order to succeed in an on-line environment.</b></p> |                      |  |                                 |                |

|   |                      |                   |                                 |               |
|---|----------------------|-------------------|---------------------------------|---------------|
| <b>Humanities Elective</b>  | <b>Course Name:</b>  | <b>Psychology</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>None</b>       | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>   |                      |                   |                                 |               |
| <p>Students are introduced to psychology as a behavioral science: the study of behavior and mental processes. Topics surveyed include the history of psychology, brain science, developmental psychology, social psychology, learning, memory, psychological disorders, personality, communication skills, and psychotherapy.</p> |                      |                   |                                 |               |

|   |                      |                          |                                 |               |
|---|----------------------|--------------------------|---------------------------------|---------------|
| <b>Humanities Elective</b>  | <b>Course Name:</b>  | <b>Speech and Debate</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>None</b>              | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>   |                      |                          |                                 |               |
| <p>Speech and 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. Also, students will have the option to participation 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 Speech and Debate program at EMHS 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 Speech and Debate team, every student will be required to participate in at least one local tournament.</p> |                      |                          |                                 |               |

|   |                      |                            |                                 |               |
|---|----------------------|----------------------------|---------------------------------|---------------|
| <b>Humanities Elective</b>  | <b>Course Name:</b>  | <b>Yearbook Media Arts</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>None</b>                | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>   |                      |                            |                                 |               |
| <p>Yearbook Media Arts is a class in which students will document the story of the year through interviews, candid 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 Yearbook Media Arts 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.</p> |                      |                            |                                 |               |

## Physical Education Electives

|  |                      |                                       |                                 |               |
|--|----------------------|---------------------------------------|---------------------------------|---------------|
| <b>Physical Education Elective</b>   | <b>Course Name:</b>  | <b>Advanced Team Games</b>            | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>1 credit of Physical Education</b> | <b>Recommendation Required:</b> | <b>Yes</b>    |
| <b>Course Description</b>  |                      |                                       |                                 |               |
| <p>The Advanced Team Games class allows students to be able to further explore and experience various sports. After warm-up, students will work on sports specific skills and play sports. Tournaments and contests will be common-place throughout the course. During the warmer months class will include activities such as softball, tag games, ultimate Frisbee, speedball, soccer, capture the flag, lacrosse, flag football, field hockey, touch rugby, and others. Throughout the colder days, the students are involved in indoor activities such as volleyball, basketball, indoor soccer, and whiffle-ball. Lastly, there will be two homework projects as mid-term and final assessments. This physical education class is highly active and involved in improving fitness through sports. (Advanced Team Games is not intended as a substitution for PE.)</p> |                      |                                       |                                 |               |

|   |                      |                                       |                                 |               |
|---|----------------------|---------------------------------------|---------------------------------|---------------|
| <b>Physical Education Elective</b>  | <b>Course Name:</b>  | <b>Total Body Conditioning</b>        | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>   | <b>Prerequisite:</b> | <b>1 credit of Physical Education</b> | <b>Recommendation Required:</b> | <b>Yes</b>    |
| <b>Course Description</b>   |                      |                                       |                                 |               |
| <p>This is a course for students who want to be pushed to their physical limits. The class will be split between group workouts in which students will be challenged to their limits and personal workouts. Students will create a personal fitness program, implement it, and journal their progress throughout the course. Students will specifically work to improve the five components of fitness: muscular strength, muscular endurance, cardio-respiratory endurance, flexibility, and body composition. This class will be excellent for athletes and non-athletes alike who are looking to be pushed and get into shape! (Total Body Conditioning is not intended as a substitution for PE.)</p> |                      |                                       |                                 |               |

## Science & Technology Elective

|  |                      |  |                                 |               |
|--|----------------------|--|---------------------------------|---------------|
| <b>Science Elective</b>  | <b>Course Name:</b>  | <b>Math Engineering Science Achievement (MESA)</b> | <b>Grade Levels:</b>            | <b>9 – 12</b> |
| <b>1 Credit</b>  | <b>Prerequisite:</b> | <b>None</b>  | <b>Recommendation Required:</b> | <b>No</b>     |
| <b>Course Description</b>  |                      |  |                                 |               |
| <p>MESA incorporates real-world math activities into a variety of practical scientific situations by using experimental skills and processes to reach solutions. Students are challenged to discover hidden principles of math, science, engineering, and technology and apply these principles through the use of critical thinking, problem solving, and decision making by using theoretical frameworks and by developing prototypes and working models. Students will participate in fun competitions, field trips, hands-on activities, and community service opportunities. MESA is also a student club at EMHS.</p> |                      |  |                                 |               |

# EMHS Graduation Requirements Worksheet

For Graduating Class of 2018 and beyond

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

|                     |  |          |                                    |                                       |         |
|---------------------|--|----------|------------------------------------|---------------------------------------|---------|
|                     | <b>ENGLISH</b><br>3 Credits  | 1        | 2                                  | 3                                     |         |
|                     | <b>HISTORY</b><br>3 Credits  | 1        | 2                                  | 3                                     |         |
|                     | <b>ENGLISH 12 SEMINAR</b><br>2 Credits   | 1        | 2                                  |                                       |         |
| <b>Seniors Only</b> | <b>ECONOMICS/ GOVERNMENT</b><br>1 Credit   | 0.5 ECON | 0.5 GOVT                           |                                       |         |
|                     | <b>MATH</b><br>4 Credits<br><small>(One credit must be equal to or greater than Algebra 2)</small>                                     | 1        | 2                                  | 3                                     | 4       |
|                     | <b>SCIENCE</b><br>4 Credits  | 1        | 2                                  | 3                                     | 4       |
|                     | <b>FOREIGN LANGUAGE</b><br>2 Credits<br><small>(Must be in the same language)</small>  | 1        | 2                                  |                                       |         |
|                     | <b>FINE ARTS</b><br>1 Credit   | 1        |                                    | <b>PHYSICAL EDUCATION</b><br>1 Credit | 1       |
|                     | <b>HEALTH</b><br>0.5 Credit  |          | <b>COLLEGE SUCCESS</b><br>1 Credit |                                       |         |
|                     | <b>DISCOVERY PROJECTS</b><br>1.5 Credits   | 0.5      | 0.5                                |                                       |         |
|                     | <b>ELECTIVES</b><br>4 Credits<br><small>(Includes Timberwolf Diploma of Excellence - Two Elective Courses in One Subject Area)</small> | 1        | 2                                  | 3 (TDE)                               | 4 (TDE) |

**TOTAL CREDITS NEEDED: 28 Credits**

*Transfer students may substitute electives for College Success and Discovery Projects as appropriate.*



## UNM CORE CURRICULUM WORKSHEET with CNM COURSE EQUIVALNCIES

All UNM Students are Req to complete the Core Curriculum as part of their baccalaureate (Bachelor's) degree program. There are VERY limited, specific exceptions allowed, and only for certain specific colleges or majors. **Unless noted, all courses are one semester in length and all courses are 3 credit hours.**

**A GRADE OF C (NOT C-) IS NEEDED FOR ALL COURSES TO SATISFY THE COURSE REQUIREMENT.**

**AREA 1: WRITING AND SPEAKING – 9 credit hours Req, including English 110, English 120 and 1 additional course.**

| UNM COURSE # and TITLE                          | CNM COURSE # | UNM COURSE # and TITLE         | CNM COURSE # |
|---|--------------|--------------------------------|--------------|
| ENGL 110- Accelerated Composition               | ENG 1101     | ENGL 120- Composition 3        | ENG 1102     |
| ENGL 111 & 112- Composition 1 & 2 (2 semesters) | -----        | ENGL 113- Enhanced Composition | -----        |

**All students are required to demonstrate competency in English 120 and complete one additional course from the following:**

|                              |          |   |           |
|------------------------------|----------|---|-----------|
| ENGL 219- Technical Writing  | ENG 2219 | CJ 130- Public Speaking                 | COMM 1130 |
| ENGL 220- Expository Writing | ENG 2220 | PHIL 156- Reasoning & Critical Thinking | PHIL 1156 |
|                              |          | UHON 201- Rhetoric & Discourse          | -----     |

**AREA 2: MATHEMATICS- 3 credit hours Req. Choose one course from the following.**

|   |           |                                  |           |
|---|-----------|----------------------------------|-----------|
| MATH 121- College Algebra                   | MATH 1315 | MATH 162- Calculus 1 (4cr)       | MATH 1710 |
| MATH 129- Survey of Mathematics             | MATH 1320 | MATH 163- Calculus 2 (4cr)       | MATH 1715 |
| MATH 215- Math for Elementary Teachers 3    | MATH 2110 | MATH 180- Elements of Calculus   | MATH 1460 |
| MATH 150- Pre-Calculus                      | MATH 1415 | MATH 181- Elements of Calculus 2 | MATH 1465 |
| MATH 153- Pre-Calculus & Trigonometry (5cr) | -----     | STAT 145- Intro to Statistics    | MATH 1330 |

**AREA 3: PHYSICAL AND NATURAL SCIENCES- 7 credit hours Req. Choose two courses from the following (one must include a 1cr lab):**

|   |           |   |           |
|---|-----------|---|-----------|
| ANTH 120- Arch Method & Theory              | ANTH 1121 | ESP101- Intro to Geology  | EPS 1101  |
| ANTH 122L- Req Lab for ANTH 120             | -----     | EPS 105L- Opt Lab for EPS 101 (1cr)                                     | EPS 1192  |
| ANTH 150- Evolution & Human Emergence       | ANTH 1150 | EPS 201L- Earth History (4cr)   | -----     |
| ANTH 151L- Opt Lab for ANTH 150 (1cr)       | -----     | ENVS 101- The Blue Planet   | BIO 1110  |
| ANTH 160- Human Life Course                 | -----     | ENVS 102L- Opt Lab for ENVS 101 (1cr)                                   | BIO 1192  |
| ANTH 161L- Opt Lab for ANTH 160 (1cr)       | -----     | GEOG 101- Physical Geography  | GEOG 1101 |
| ASTR 101- Intro to Astronomy                | ASTR 1110 | GEOG 105L- Opt Lab for GEOG 101 (1cr)                                   | GEOG 1192 |
| ASTR 101L- Opt Lab for ASTR 101 (1cr)       | ASTR 1192 | PHYC 102- Introduction to Physics                                       | PHYS 1010 |
| BIOL 110- Biology for Non-Majors            | BIO 1010  | PHYC 102L- Opt Lab for PHYC 102 (1cr)                                   | PHYS 1092 |
| BIOL 112L- Opt Lab for BIO 110              | BIO 1192  | PHYC 105- Physics and Society   | -----     |
| BIOL 121L- Principles of Biology (4cr)      | -----     | PHYC 151- General Physics   | PHYS 1510 |
| BIOL 122L- Principles of Biology (4cr)      | -----     | PHYC 151L- Opt Lab for PHYC 151 (1cr)                                   | PHYS 1592 |
| BIOL 123- Bio for Health-Related Sciences   | BIO 1410  | PHYC 152- General Physics   | PHYS 1610 |
| BIO 124L- Opt Lab for BIOL 123 (1cr)        | BIO 1492  | PHYC 152L- Opt Lab for PHYC 152 (1cr)                                   | PHYS1692  |
| CHEM 101- Chemistry in Our Community        | CHEM 1010 | PHYC 160- General Physics   | PHYS 1710 |
| CHEM 111- Elements of General Chemistry     | CHEM 1410 | PHYC 160L- Opt Lab for PHYC 160 (1cr)                                   | PHYS 1792 |
| CHEM 121- General Chemistry 121             | CHEM 1710 | PHYC 161- General Physics   | PHYS 1810 |
| CHEM 123L- Req Lab for CHEM 121 & 131 (1cr) | CHEM 1792 | PHYC 161L- Opt Lab for PHYS 161 (1cr)                                   | PHYS 1892 |
| CHEM 122- General Chemistry 2               | CHEM 1810 | *NTSC 261L- Physical Science (4cr)                                      | NS 1010   |
| CHEM 124L- Req Lab for CHEM 122 & 132 (1cr) | CHEM 1892 | *NTSC 262L- Life Science (4cr)  | NS 1015   |
| CHEM 131- Principles of Chemistry (3cr)     | -----     | *NTSC 263L- Environmental Science (4cr)                                 | NS 2010   |
| CHEM 132- Principles of Chemistry (3cr)     | -----     | UHON 203- Science in the 21 <sup>st</sup> Century                       | -----     |
|   |           | <b>*NTSC 261L, 262L and 263L are for pre-service K-8 teachers only.</b> |           |

**AREA 4: SOCIAL AND BEHAVIORAL SCIENCES- 6 credit hours Req. Choose two courses from the following:**

|  |           |  |           |
|--|-----------|--|-----------|
| AFST/CCS/NATV/SUST/WMST 109 Intro to Comp & Global Societies | -----     | LING 101/ANTH 110- Intro to Linguistics  | ANTH 1110 |
| AMST 182- Intro to Env Sci & Technology                      | CST 1182  | *ME/GEOG 217- Energy, Environment & Society #  | -----     |
| AMST 185- Race, Class & Ethnicity #                          | CST 1150  | PSY 105- General Psychology  | PSY 1105  |
| ANTH 101- Intro to Anthropology                              | ANTH 1101 | POLS 110- The Political World  | PSCI 1110 |
| ANTH 130- Cultures of the World #                            | ANTH 1130 | POLS 200- American Politics  | PSCI 2200 |
| ANTH 220- World Archeology                                   | ANTH 1120 | POLS 220- Comparative Politics   | PSCI 2220 |
| ECON 105- Intro to Macroeconomics                            | ECON 2200 | POLS/PCST 240- International Politics #  | PSCI 2240 |
| ECON 106- Intro to Microeconomics                            | ECON 2201 | SOC 101- Intro to Sociology #  | SOC 1101  |
| CRP 181- Intro to Environmental Problems                     | CRP 1181  | SOC 216- Dynamics of Prejudice #   | SOC 2216  |
| *ENG 200- Technology in Society                              | -----     | UHON- Individual & Collective  | -----     |
| GEOG 102- Human Geography #                                  | GEOG 1102 | <b>*ENG 200 and ME 217 cannot both be taken towards Social and Behavioral Sciences core.</b> |           |

**AREA 5: HUMANITIES- 6 credit hours Req. Choose two courses from the following:**

|  |           |  |                       |
|--|-----------|--|-----------------------|
| AFST 104- Intro to Africana Studies #                        | -----     | HIST 161 - History of US to 1877             | HIST 1161             |
| AMST 186- Intro to Southwest Studies #                       | -----     | HIST 162- History of US since 1877           | HIST 1162             |
| AMST/CCS/NATV 201 Intro to Chicana & Chicano Studies #       | CST 2251  | HIST 181- History of Early Latin America #   | HIST 1181             |
| CLST 107- Greek Mythology                                    | -----     | HIST 182- Modern Latin American History #    | HIST 1182             |
| CLST 204- Greek Civilization                                 | -----     | NATV 150- Intro to Native American Studies # | CST 2253 or NATV 1150 |
| CLST 205- Roman Civilization                                 | -----     | MLNG 101- Languages and Cultures #           | -----                 |
| COMP 222- Fairy and Folk Tales #                             | -----     | PHIL 101- Intro to Philosophical Problems #  | PHIL 1110             |
| COMP 224- Lit Questions                                      | -----     | PHIL 201- Greek Thought                      | PHIL 2201             |
| ENGL 150- Study of Literature                                | ENG 1150  | PHIL 202- From Descartes to Kant             | PHIL 2202             |
| ENGL 292- World Lit: Ancient World - 16 <sup>th</sup> Cent # | ENG 2262  | RELG 107- Living World Religions #           | RLGN 1107             |
| ENGL 293- World Lit: 17 <sup>th</sup> Century – Present #    | ENG 2263  | RELG 263- Eastern Religions #                | RLGN 2263             |
| GEOG 140- World Regional Geography #                         | GEOG 2201 | RELG 264- Western Religions #                | RLGN 2264             |
| HIST 101- Western Civilization (to 1648)                     | HIST 1101 | UHON- Legacy Seminar, 100-200 Level          | -----                 |
| HIST 102- Western Civilization (from 1648) #                 | HIST 1102 | UHON 205- Humanities, Society and Culture    | -----                 |

**AREA 6: FOREIGN LANGUAGE- 3 credit hours Req.**

One course chosen from any lower-division non-English language offerings from the Department of Linguistics (including Sign Language), Spanish and Portuguese, Foreign Languages and Literatures, and foreign languages in other departments or programs (except Latin 105, Pre-Spring 2007).

Foreign Language Course: \_\_\_\_\_ #

**AREA 7: FINE ARTS- 6 credit hours Req. Choose two courses from the following:**

|                                 |           |   |           |
|---------------------------------|-----------|---|-----------|
| ARCH 121- Intro to Architecture | ARCH 1121 | MA 210- Intro to Film Studies                 | ENG 2210  |
| ARTH 101- Intro to Art          | ARTH 1101 | MUS 139- Music Appreciation                   | MUS 1139  |
| ARTH 201- History of Art 1      | ARTH 2201 | MUS 142- Rock Music Appreciation              | MUS 2271  |
| ARTH 202- History of Art 2      | ARTH 2202 | THEA 105- Intro to Theatre Appreciation       | THEA 1122 |
| DANC 105- Dance Appreciation    | -----     | Pre-Fall 2010: THEA 122- Theatre Appreciation | -----     |
| FA 284- Experiencing the Arts   | -----     | UHON 207- Fine Arts as Global Perspective     | -----     |

Any 3 credit hour studio or performance course offered by the Dept. of Art & Art History, Music, Theatre & Dance, Media Arts, or IFDM will also complete AREA 7 of core.