

# Elk Mound High School

## Course Description Handbook

On the following pages you will find very important information related to meeting your graduation requirements and planning for your future after graduating from high school.

It is extremely important that students and parents go through this material together to be aware of any changes from year to year. *\*Please Note: Students and parents are required to sign and return the handbook acknowledgement form in order to register for classes.*

When looking at the future:

- Take advantage of the Career Speakers, College, Technical School, and Military Recruiters that visit Elk Mound to give presentations to our students.
- Take part in the various career activities that are offered by the guidance department.
- Make at least one appointment each year with the counselor to talk about your future plans. *\*It is best to do this during homeroom, ME time, or if you have some study time in class.*
- Whenever you have questions, stop in the guidance office.

Your future is very important; take the time to plan for it.

Sincerely,  
Hugh Goodrich  
Counselor,  
Elk Mound High School

The Elk Mound Area School District does not discriminate on the basis of race, color, national origin, age, sex or handicap in educational programs or activities or in employment.

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ELK MOUND AREA SCHOOL DISTRICT  
PUBLIC SCHOOL CHOICE  
NON-RESIDENT STUDENT  
FULL-TIME ATTENDANCE REQUESTS

The Elk Mound Board of Education recognizes the intent of the public school choice law (118.51/118.52) is to provide a mechanism for non-resident parents (with some limitations) to have their children attend a public school of their choice. The Board of Education hereby authorizes the District Administrator to establish and to implement the necessary procedures to fulfill the intent of the law.

IN GENERAL:

- A. Application Process shall be as prescribed by Wisconsin State Law.
- B. Acceptance/Rejection Criteria - While applicants shall be accepted in general, they may be denied for the following reasons:
1. Lack of available space in school, programs, classes, or grades within the District to include: class size, teacher-student ratio; student attending district schools whose tuition is paid by the district; and enrollment projections.
  2. Expulsion of applicant from another school during the past two years (applied up to the beginning of the school year) for the following:
    - a. Conveying or causing to be conveyed any "bomb" threat.
    - b. Engaging in conduct while at school or while under the supervision of a school authority, which endangered the health, safety, or property of others.
    - c. Engaging in conduct while not at school or while not under the supervision of a school authority, which endangered the health, safety, or property of others at school or under the supervision of a school authority or any district employee or school board member.
    - d. Possessing a dangerous weapon while at school or under the supervision of a school authority.
  3. Student currently participating in disciplinary proceedings for any of the reasons stated in item 2.
  4. Student currently referred for or being evaluated for exceptional educational needs.
  5. Other reasons as specified in the appropriate Wisconsin State Statutes.
  6. If any of the above disciplinary proceedings take place after the application has been accepted and prior to enrollment, the application will be revoked.

RELEASE OF STUDENTS:

- C. Preference will be given to applications of pupils and siblings of pupils who are already attending.
- D. Re-Application - Once a student has been approved for attendance, the student can continue in the District without re-applying except; (1) if entering at elementary school level, they must re-apply when entering the middle school; (2) if entering at middle school level, they must re-apply when entering the high school level.
- E. Transportation - As prescribed by law. It is a parents' responsibility except as may be prescribed by an IEP in the case of an EEN student. NOTE: A district is not allowed to pick up within another district's boundaries.
- F. Release of District Students Applications to attend another school outside of district of residence must meet all applicable statutory requirements. Applications will be denied if the total number of applications exceeds the minimum number allowed by statute. If more desire to transfer than the minimum allows, random selection will be used to determine the students who will be released. If application involves a student enrolled in an EEN program, the application may be denied if it imposes an undue financial burden on the district.
- G. Participation in any student organization and/or activity will be subject to the requirements of that association, i.e., W.I.A.A., FFA, etc.

ELK MOUND AREA SCHOOL DISTRICT  
PUBLIC SCHOOL CHOICE  
PART-TIME ATTENDANCE REQUESTS

The Elk Mound Board of Education recognizes the intent of the public school choice law (118.51/118.52) is to provide a mechanism for parents (with some limitations) to have their children attend a public school of their choice. The Board of Education hereby authorizes the District Administrator to establish and to implement the necessary procedures to fulfill the intent of the law.

IN GENERAL:

A.Part-time Student - A student may enroll on a part-time basis to take no more than 2 courses at any time in a non-resident school district under open enrollment law under the following conditions:

1. Satisfy the district's high school admission standards.
2. Student resides in the district.
3. Sufficient space is available.

B.Application Process shall be as prescribed by Wisconsin State law. The District Administrator is authorized to establish and to implement the necessary procedures to fulfill the intent of the law.

C.Acceptance/Rejection Criteria - Will include the same criteria as that for a full-time enrollment, as well as, the additional criteria specified by law for the part-time student (See section 118.52, Wisconsin State Statutes).

Participation in any student organizations and/or activities will be governed by any requirements of said organizations and/or activities, i.e., W.I.A.A., FFA, etc. Applicants must be denied if the course conflicts with student's I.E.P. (Preference will be given to part-time district resident students over non-resident applicants).

D.Transportation - As prescribed by law. It is a parents' responsibility except in certain EEN student circumstances.

E.Release of Resident Students on Part-time Basis - Applications to attend another school outside of district of residence must meet all applicable statutory requirements. Denial may be made as follows:

1. Must reject if the course conflicts with the student's I.E.P.
2. If the transfer imposes an undue financial burden on the district.

## ELK MOUND SENIOR HIGH SCHOOL GRADUATION REQUIREMENTS

The following requirements must be met for successful graduation:

1. Each student must be enrolled in classes each block or skinny. Lunch will be a 30-minute period opposite of a 3rd blk/skinny class. Moulder Enrichment is at the end of the school day Monday, Tuesday, Wednesday and Friday.

2. Graduating students must have completed a minimum of 28 ½ credits, or the equivalent of 28 ½ credits in other programs that are defined in this policy as being substantially equivalent to the regular requirements to graduate. In addition, students must have completed the equivalent of 1/2 credit in health in grades 7-12. In most cases this is completed before you reach the ninth grade.

\*Please Note: Health Education was introduced in the 9<sup>th</sup> grade during the 2007-2008 academic year.

### 3. Limitations

A. All failed required classes must be repeated until credit is earned. You may repeat the class at EMHS, take an approved summer school class, or an approved correspondence class.

B. A class meeting one block per day (70 / 90 minutes) for one term will earn 1/2 credit.

C. A “skinny” class meeting 1/2 block per day (45 minutes) for one term will earn 1/4 credit.

### 4. Special Provisions

A. Pupils with exceptional education needs or requirements may be provided with alternate education programs for high school graduation. Such alternate education programs must be prescribed by a multidisciplinary team and must be related to the identified exceptional educational needs of the pupil. Successful completion of the alternate education program will result in the issuance of a diploma. Wisconsin Statute 115 and PL 94-142 are followed.

B. Students may also earn credit by such alternate routes as: homebound instruction, course work at a Vocational/Technical College, course work done in conjunction with local colleges or universities, participation in work for credit programs, participation in Youth Conservation Camps, alternative evening school, Dunn County alternative school, and Correspondence coursework. Credits earned through vocational/technical colleges, correspondence courses, alternative education, and/or work experience/work for credit programs are acceptable only when arranged through the principal's office prior to enrolling. (See Post Secondary Enrollment Options)

C. Graduation requirements for transfer students from out-of-state, private schools, or a home-based private education program as defined under S.118.15 (4) and for pupils with exceptional educational interests, needs, or requirements as provided in PI 18.04 will be handled as follows:

\*Note:

Each student's record will be reviewed by the enrolling counselor and/or principal to see if the student's program has been consistent with graduation requirements of the School District of Elk Mound, and the State of Wisconsin. If the student's previous program is not consistent with our requirements as identified, he/she will be expected to have met the requirements of his/her previous school up to the time of transfer and our requirements will be met after the student has enrolled here. If the student has not been meeting his/her previous school's requirements because of failing grades or not enrolling in required courses, he/she will be expected to make up the courses required by the School District of Elk Mound or the State of Wisconsin.

### 5. Required Credit Increase

Required course credit increases were implemented at the high school beginning in the 2004-2005 school year. The “phasing in” period of these increases is now complete. 28 ½ credits are required for graduation in the following areas (see next page):

## 6. Required Courses for Graduation

### **English ----- 4 credits in grades 9-12**

**(Juniors must take one writing and one literature course in the 11th grade year.)**

English 9	grade 9	1 credit		
English 10	grade 10	1 credit		
American Literature	grade 11	1 credit	<u>-OR-</u>	AP English Lit and Comp grade 11-12 1 credit
English Electives	grade 11-12	1 credit		

### **Social Studies ---- 3 1/2 credits in grades 9-12**

History 9	grade 9	½ credit
History 10	grade 10	1 credit
Government	grade 11-12	1 credit
Social Studies Electives	grade 9-12	1 credit

### **Mathematics ----- 4 credits in grades 9-12**

Intro to Algebra	grade 9-12	1 credit	Algebra I	grade 9-12	2 credits
Geometry	grade 9-12	1 credit	Algebra II	grade 9-12	1 credit
Intro to College Algebra	grade 11-12	1 credit	Technical Math	grade 11-12	1 credit
AP Statistics	grade 10-12	1 credit	AP PreCalculus	grade 10-12	1 credit
AP Calculus	grade 11-12	1 credit			

### **Science ----- 3 credits in grades 9-12**

General Science	grade 9	1 credit
Earth Science	grade 9	½ credit
Biology	grade 10	1 credit
Science Electives	grade 11-12	½ credit

### **Business Education --- ½ credit in grades 11-12**

Financial Literacy	grade 11-12	½ credit
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### **Physical Education --- 1 1/2 credits in grades 9-12**

Team Sports	grade 9-10	½ credit		
Weight Training	grade 9-12	½ credit	Lifetime Sports	grade 10-12 ½ credit
Fitness	grade 10-12	½ credit	Phy Ed. Skinny	grade 9-12 ¼ credit

### **Health education --- 1 credit**

Health I	grade 9	½ credit
Health II	grade 11-12	½ credit

### **Technology Education --- ½ credit in grades 9-10**

Metals Technology	grade 9-12	½ credit
Woods Technology	grade 9-12	½ credit
Automotive Care	grade 10-12	½ credit
Small Engines	grade 9-12	½ credit

**Electives to meet the total required for graduation.**

**A minimum of twenty-eight and one half (28 ½ ) credits in grade 12 are required for a high school diploma.**

# ELECTIVE TRACKING SHEET

RED (1.50 credits)		WHITE (2.00 credits)		BLUE (2.00 credits)	
Language Arts (A)		Industrial / Technology Education (A)		Music (A)	
AP Lit & Composition	1 credit	Woods Technology	½ credit	Band	¼ credit
College Writing	½ credit	Metals Technology	½ credit	Choir	¼ credit
Media Studies	½ credit	Cabinet Making	½ credit	Art (B)	
Theater as Literature	½ credit	Construction I	½ credit	Introduction to Art	½ credit
Nonfiction	½ credit	Construction II	½ credit	Intro to Digital Animation	½ credit
Reading	1 credit	Drafting I	½ credit	Cinema and Media Arts	½ credit
		Woodworking Technology	½ credit	Studio Art II	½ credit
Social Studies (B)		Advanced Processing	½ credit	Graphic Design I	½ credit
Behavioral Sciences	½ credit			Graphic Design II	½ credit
Modern US History	½ credit			Photography I	½ credit
History Money & Markets	½ credit			Photography II	½ credit
World History II (Englight.-WWI)	½ credit			Screen Printing	½ credit
World History III (WWII-Today)	½ credit	Business Education I (B)		Advanced/Independent Art	½ credit
		Careers & College Exploration I	½ credit		
		Careers & College Exploration II	½ credit	Physical Education (C)	
Science (C)		Principles of Marketing	½ credit	Fitness	½ credit
Anatomy & Physiology	1 credit	MS Office Suite	½ credit	Lifetime Sports	½ credit
Biology II	1 credit	Work Study	½ credit	Physical Education A/B Skinny	¼ credit
Biotechnology	½ credit	Yearbook	½ credit	Team Sports I	½ credit
Chemistry I	1 credit	Entrepreneurship	½ credit	Team Sports II	½ credit
Chemistry II	1 credit			Weight Training & Conditioning	½ credit
Food Science	½ credit	Health Education (C)			
Food Science II	½ credit	Child Development	1 credit	Miscellaneous (D)	
Landscape Design	½ credit			ACT Prep	½ credit
Large Animal Science	½ credit	Foreign Language (D)		Resource	½ credit
Natural Resources	½ credit	Spanish I	1 credit	SCORE Program	¼ credit
Medical Terminology	1 credit				
Physics - Mechanics	1 credit	Spanish II	1 credit	Tutoring	½ credit
Physics - Special Topics	1 credit	Spanish III	1 credit		
Plant Science (TC)	1 credit			START COLLEGE NOW STUDENTS: Credits earned from institutions outside of Elk Mound High School must be listed in your GENERAL ELECTIVE COLUMN. Students are not allowed to count these credits toward your Red, White and Blue electives.	
Small Animal Science	½ credit	Miscellaneous (D)			
Veterinary Science (TC)	½ credit	ACT Prep	½ credit		
AG Leadership	½ credit	Resource	½ credit		
Math (D)		SCORE Program	¼ credit		
Intro to Algebra	1 credits	Tutoring	½ credit		
Algebra I / Algebra I Essentials	2 credits				
Advanced Algebra I	1 credit			**NOTE FOR BAND AND CHOIR STUDENTS: You may count one and one half credits (1.5) of band and/or choir credits toward your BLUE CATEGORY requirements.	
Algebra II	1 credit				
Geometry / Geometry Essentials	1 credit	ECCP STUDENTS: Credits earned from institutions outside of Elk Mound High School must be listed in your GENERAL ELECTIVE COLUMN. Students are not allowed to count these credits toward your Red, White and Blue electives.			
Technical Math	1 credit				
Intro to College Algebra	1 credit				
AP Statistics	1 credit	** Child Development may be taken twice for credit during high school**			
AP Pre-Calculus	1 credit				
AP Calculus	1 credit				
Miscellaneous (E)					
ACT Prep	½ credit				
Resource	½ credit				
SCORE Program	½ credit				
Tutoring	½ credit				
RED CATEGORY: A maximum of 1 credit may be earned per sub-category. For example: A student may count a full credit of coursework from the Science sub-category. The last half credit must come either the Math, Social Studies or Language Arts sub-category.		WHITE CATEGORY: A maximum of 1.5 credits may be earned per sub-category. For example: A student may count a full credit and one half of coursework from Industrial/Technology Education. The last half credit must come from either the Business or Health Education sub-category.		BLUE CATEGORY: A maximum of 1.5 credits may be earned per sub-category. For example: A student may count a full credit and one half of coursework from Industrial/Tech Education. The last half credit must come from either the Business or Health sub-category.	

## COURSE FEES 2025-2026

Students are required to pay course fees for enrollment into specific elective courses at the high school. Payment of these fees must be done *prior* to scheduling of the course. For a list of electives requiring a course fee and the fee amount, please see the table below:

Class	Amount	Class	Amount
Advanced 2D Art	\$ 25.00	Independent Art	\$25.00
Advanced Art	\$25.00	Machining I	\$30.00*
Advanced Processing	\$25.00*	Metals I	\$25.00*
AP Courses(Calc, Lit, Stats, Pre-Calc)	\$98.00	Natural Resources	\$40.00
Anatomy & Physiology	\$45.00	Painting	\$25.00
Automotive Care	\$15.00	Photography I	\$20.00
Band Uniform Cleaning	\$9.00	Photography II	\$20.00
Biology II	\$5.00	Physics	\$5.00
Ceramics	\$45.00	Plant Science	\$20.00
Ceramics II	\$45.00	Screen Printing	\$25.00
Chemistry	\$10.00	Sculpture	\$35.00
Chemistry II	\$10.00	Small Animal Science	\$20.00
Choir Robe Cleaning	\$9.00	Small Engines I	\$20.00
Construction I	\$10.00*	Studio Art I	\$25.00
Digital Fabrication (DIGIFAB)	\$25.00*	Studio Art II	\$25.00
Drafting	\$5.00*	Video Production I	\$15.00
Drawing	\$15.00	Video Production II	\$15.00
Engineering and Design	\$10.00*	Web Design	\$15.00
Food Science	\$30.00	Web Design II	\$15.00
Food Science II	\$40.00	Welding	\$30.00*
Graphic Design	\$15.00	Woods I	\$15.00*
Graphic Design II	\$15.00	Woods II	\$30.00*
Introduction to Art	\$15.00	Woods III	\$50.00*
Intro to Digital Animation	\$10.00		<b>* Denotes Minimum Fee*</b>

\*Note:

- Payment of fees can be done at any time *prior* to scheduling in the high school office.
- If payment is made by check, please make checks out to ELK MOUND AREA SCHOOLS
- Proof of payment is given in the form of a receipt. This same receipt must be presented during scheduling in order to sign up for the classes listed above.
- If a student pays the fee for a course listed above but does not schedule for the course, the receipt of payment may be presented to the high school office for a refund of the fee.
- AP Students must pay for the AP test up front. If they choose not to take the test, their fee will be refunded.



## POST-SECONDARY ADMISSIONS INFORMATION

### University of Wisconsin System admission requirements

All UW System institutions require a minimum of 17 high school credits distributed as follows:

#### I. Core College Preparatory Credits

English	4 credits	Social Science	3 credits
Mathematics	3 credits	Natural Science	3 credits

#### II. Elective credits

Elective credits are chosen from the core college preparatory areas above, foreign language, fine arts, computer science and other academic areas. A minimum of two credits in a single foreign language is required for admission to UW- Eau Claire and UW- Madison and may help meet graduation requirements at other UW System campuses. Some campuses may accept vocational/technical courses for a portion of these credits.

### Core College Preparatory Credits

All students seeking admission to the UW System are expected to have the academic background needed for effective learning. Core college preparatory credits in the following areas are required.

English: Accepted English courses stress an understanding of composition, literature and rhetoric. Significant practice in reading, writing and speaking is expected in composition and rhetoric. Several campuses require that at least three of the four credits in English include composition or literature. Most regular and advanced English courses are accepted in English. Courses not accepted tend to be those that emphasize applied skills, performance or technical production.

Mathematics: Algebra, geometry and all other mathematics courses requiring algebra or geometry as prerequisites are accepted. Some campuses require both algebra and geometry. In most cases, courses are not accepted in mathematics if they:

1. are taught prior to Algebra I
2. do not have Algebra I as a prerequisite.
3. "Transition to College Math" may not count at some institutions.

Social Science: Courses accepted in social science include history, political science, geography and theoretical studies of culture, economics, and human behavior and societies (such as psychology or sociology). Courses in applied social science usually are not accepted.

Natural Sciences: Biology, chemistry and physics are accepted in natural sciences. These courses emphasize theory and usually have a significant laboratory component. Other science courses often accepted include astronomy, earth science, geology and physical science.

Wisconsin Technical College System  
Admissions- Entrance Requirements  
Associate Degree Programs

To apply for admission to an Associate Degree program, the applicant must have accomplished one of the following:

- High school graduation or
- Completion of an accredited high school equivalency or
- Official transcripts showing completion of the General Educational Development (GED) test or High School Equivalency Diploma (HSED)
- COMPASS or other pre- entry assessment, as described above.

It is recommended that applicants to associate degree programs have average or above average high school grades with appropriate background in math, science, and English. Applicants are encouraged to discuss their educational goals with a program counselor. If pre- entry assessment indicates the applicant is not academically ready to enroll in program courses, the student will be referred to preparatory classes or other support services at the college.

Technical Diploma Programs

To apply for admission to a Technical Diploma program, the applicant must have accomplished one of the following:

- High school graduation or (continued on page 10)
- Completion of an accredited high school equivalency or
- Official transcripts showing completion of the General Educational Development (GED) test or High School Equivalency Diploma (HSED) or
- Achieve minimum passing scores on reading, math, and writing standardized tests, followed by a counseling session with a program counselor. Contact the Admissions Office for details.

For the most current information on admissions requirements visit the guidance website.

<http://www.elkmound.k12.wi.us>, or the following web links:

U.W. System

<http://www.wisconsin.edu/>  
<http://uwhelp.wisconsin.edu/>

WI Technical College System

<http://www.witechcolleges.com/>

WI Private College Systems

[www.wisconsinmentor.org](http://www.wisconsinmentor.org)

# Academic Departments & Course Descriptions

# AGRISCIENCE DEPARTMENT

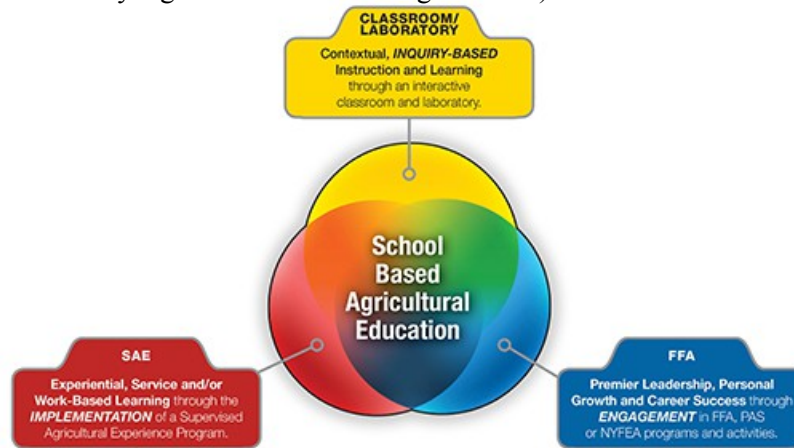
Instructor: Mrs. Dienger

## The Agricultural Education Mission

Agricultural education prepares students for successful careers and a lifetime of informed choices in the global agriculture, food, fiber and natural resources systems.

Through agricultural education, students are provided opportunities for leadership development, personal growth and career success. Agricultural education instruction is delivered through three major components:

- Classroom/Laboratory instruction (contextual learning)
- Supervised Agricultural Experience programs (work-based learning)
- Student leadership organizations (National FFA Organization, National Young Farmer Educational Association and National Post-secondary Agricultural Student Organization).



To find out more information about Agricultural Education visit [ffa.org](https://www.ffa.org).

Above information was taken from: <https://www.ffa.org/agricultural-education/>.

The following Agri-Science courses will be offered for transcripted credit through CVTC: Plant Science and Veterinary Science

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## **LEADERSHIP** (Course Number: 1109)

Credit: 0.5

Grade Level: 10-12

Prerequisite: None

Course Fee: None

Description: Find the natural leader you are meant to be. Through a “hands-on” approach you will develop the leadership skills needed to find, be hired for, and advance in a job. Written communication, verbal communication, stress management, meeting procedures, goal setting, team building, and career development skills are some of the skills you will learn. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills

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## **BIOTECHNOLOGY** (Course Number: 1055)

Credit: 0.5

Grade Level: 10-12

Prerequisite: C+ or higher in Biology

Course Fee: None

Description: This course centers on contemporary topics in biology and biotechnology including microbiology, pathology, forensics and criminalistics, and genetic technologies. The focus will be on examination and understanding of various topics in the Biotechnological world around them and the way the quality of life can be improved through modern biological techniques. With all the popularity and relation to biotechnology, forensic sciences & criminalistics will be another aspect of study. Finally, students will examine the ethical implications of these topics and technologies, studying their impact on their lives as well as society’s in general. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills

**FOOD SCIENCE I** (Course Number: 4010)Credit: 0.5Grade Level: 9-12Prerequisite: NoneCourse Fee: \$30.00

Description: Learn about the careers in the food science industry. Explore food preservation techniques such as smoking, canning, and freezing. Discover how foods are developed for consumers. Design a new food product, produce it, market it, and eat it! This class is designed for students interested in food science, safety and technology. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills

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**FOOD SCIENCE II** (Course Number: 4020)Credit: 0.5Grade Level: 11-12Prerequisite: Food Science I (C or better)Course Fee: \$40.00

Description: This course is a continuation of Food Science I, where we dive deeper into food preservation. In this course you will learn about the traditions of canning and preserving, how to get started, deciding what to can/preserve, the various methods of canning and preserving (freezing, canning, drying, smoking, etc), water bath vs. pressure canning, how to make your own jams and jellies, how to make your own root beer while discussing fermentation, and how to make your own yogurt. You will also learn about good manufacturing practices, HACCP, food labeling, and the importance of reducing safety risks. Once you have completed this course you will be on your way to take part in the wonderful tradition of canning and preserving. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills

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**PLANT SCIENCE (Plant Science + Horticulture)** (Course Number: 1432)Credit: 1.0Grade Level: 10-12Prerequisite: NoneCourse Fee: \$20.00

Dual Credit through CVTC: 6 credits

Description: Provides fundamental knowledge of plant components and their function. Topics include pollinating and propagating plants, germinating seeds, plant nutrients, and factors affecting photosynthesis, respiration and transpiration. Participants will experience plant components and their functions through the completion of hands-on activities. This course is also an overview of the Horticulture profession, including its role and importance throughout history. Current trends and career opportunities will be covered. Particular attention is given to horticultural crops, plant classification, plant utilization, and the interrelationships among the environment, plant growth and plant development. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills

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**LANDSCAPE DESIGN** (Course Number: 1427)Credit: 0.5Grade Level: 9-12Prerequisite: NoneCourse Fee: None

Description: Learn about working in and managing a flower shop, greenhouse, or golf course. Develop a landscape for the house of your dreams. Practice flower arranging and learn to make a corsage. Find out if you have a green thumb! This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills

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**LARGE ANIMAL SCIENCE** (Course Number: 1018)Credit: 0.5Grade Level: 9-12Prerequisite: NoneCourse Fee: None

Description: Management and production of livestock species raised for human use will be emphasized, including beef, sheep, goats, hogs, rabbits, and poultry. Exotic animals such as ostriches and deer will also be discussed. Selection, feeding, breeding, housing, and health care of these animals will be covered. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills

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**NATURAL RESOURCES** (Course Number: 1105)Credit: 0.5Grade Level: 9-12Prerequisite: NoneCourse Fee: \$40.00

Description: Discover the natural resources available to us in Wisconsin and the United States. We'll discuss air, soil, water, forests, energy, and recreational resources. Learn how to determine lumber value and apply forestry management techniques. Students will try their hand at basic taxidermy by mounting a fish. Students will also get the opportunity to build their own spinning fishing rod. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills

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**SMALL ANIMAL SCIENCE** (Course Number: 1255)Credit: 0.5Grade Level: 9-12Prerequisite: NoneCourse Fee: \$20.00Description:

Small Animal Science is a course that allows students to further their studies in companion animals. In this class students learn about the many breeds, characteristics, grooming tactics that go along with small animals. The animals that they will learn about are dogs, cats, pocket pets, reptiles/amphibians as well as birds. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills. Students in this class will be partnered up and assigned a mouse. Partners will be responsible for the care of their mouse for the duration of the class.

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**VETERINARIAN SCIENCE** (Course Number: 1400)Credit: 0.5Grade Level: 10-12Prerequisite: Large or Small Animal Science,  
Biology, or Permission of InstructorCourse Fee: NoneDual Credit through CVTC: 3 credits

Description: Find out what a veterinarian or a veterinarian's assistant does. This course will study the anatomy and physiology of animals. Learn to recognize many of the health problems that affect our pet and meat animals. Study animal anatomy and genetics. Discuss current issues such as animal rights and medical research. This class concludes with the dissection of eyeballs, brains, hearts and a cat to showcase all the information learned in the course. This course also incorporates the FFA and SAE components of agriculture and this allows students to improve on their leadership and employability skills.

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# ART DEPARTMENT

Instructors: Mr. Lundgren and Mrs. Blaskowski

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## **ADVANCED ART/ INDEPENDENT ART** (Course Number: 2253)

Credit: 0.5      Grade Level: 10-12      Prerequisite: 1.00 credit of Art and approval      Course Fees: \$35.00

\*Independent ceramics: Students must have a prior ceramics course and it is a \$45 course fee instead of \$35.

Description: This class is designed for the serious artist who is interested in developing his or her own artistic style and identity. Students in advanced art will work more independently to produce a portfolio of artwork. Students are allowed to explore any artistic medium that our school has to offer; such as drawing, painting, ceramics, digital art, and photography. Students will also develop a theme or 'artist statement,' which will be reflected in each student's artwork. At the end of the quarter, the class is responsible for hosting a group art show for the public. This is a fun class for students looking for a challenge!

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## **CERAMICS I** (Course Number: 2026)

Credit: 0.5      Grade Level: 9-12      Prerequisite: None      Course Fee: \$45.00

Description: In this course, students explore 3-dimensional art through the medium of clay. Students will apply their understanding of hand building, reductive, and pottery making to create unique works of art. Students have the option to work with white earthenware and red earthenware clay. Students will also have the ability to work independently to develop their personal artistic style.

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## **CERAMICS II** (Course Number: 2400)

Credit: 0.5      Grade Level: 9-12      Prerequisite: Ceramics I      Course Fee: \$45.00

Description: In this course, students will continue to explore 3-dimensional art through the medium of clay. Students will apply their understanding of hand building, reductive, pottery making, and the pottery wheel to create unique works of art. Students have the option to work with white earthenware and red earthenware clay. Students will also have the ability to work independently to develop their personal artistic style.

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## **CINEMA AND MEDIA ARTS** (Course Number: 8315)

Credit: 0.5      Grade Level: 9-12      Prerequisite: None      Course Fees: \$15.00

Description: In this introductory class we will explore the conceptual, organizational, and technical skills of video production. Through hands-on technical workshops, screenings, lectures, projects and discussions, you will develop the basic skills in cinematography, sound design, video editing, and screenwriting as they apply to single-camera narrative, documentary, and experimental filmmaking. Course work includes a mix of group and individual hands-on projects, culminating in the production of a 3-5 minute short film.

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## **GRAPHIC DESIGN I** (Course Number: 2024)

Credit: 0.5      Grade level: 9-12      Prerequisite: None      Course Fee: \$15.00

Description: The fields of Art and Design allow you to use your creativity skills on the computer! Art and technology combine to create fun and incredible designs! This course will cover photo manipulation, advertising, illustration, book and poster design, fixing damaged photos, and portfolio development. Create a photo of yourself with a famous person or place yourself in a different environment; colorize a black and white photograph; make exciting illustrations and advertisements.

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## **GRAPHIC DESIGN II** (Course Number: 2124)

Credit: 0.5      Grade Level: 9-12      Prerequisite: Graphic Design I      Course Fee: \$15.00

Description: Graphic Design II will further explore the digital arts, which will incorporate advanced applications and techniques through Adobe Photoshop as well introduce Adobe Illustrator and InDesign. Students in Graphic Design II will further their skills by learning advanced Photoshop techniques as well as using the entire Adobe Design Suite to create professionally published documents. Working with text, color filters, layer masks, illustration, and photo manipulation are just a few aspects of this fun and challenging class.

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**INTRODUCTION TO ART** (Course Number: 2021)

Credit: 0.5

Grade level: 9-12

Prerequisite: None

Course Fee: \$15.00

Description: This is a beginning art class that provides the foundation for other art courses. *Intro to Art* is for everyone! You will not only learn to draw, but you will also learn to see, imagine, understand, analyze, and create. You will amaze yourself! This one course is a prelude to other art courses available, as it teaches the basics of drawing, design, painting, art history as well as other art projects at the discretion of the instructor. In art you are able to convey and represent what cannot be expressed in words, and there is no single right answer, but many! Explore the language of art, and discover your own aptitude and interest for visual expression.

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**INTRODUCTION TO DIGITAL ANIMATION** (Course Number: 1133)

Credit: 0.5

Grade level: 9-12

Prerequisite: Graphic Design or Intro to Art

Course Fee: \$10.00

Description: This course teaches students the fundamental principles of working in 2D digital software with an emphasis on animation, story, sound, timing and execution. Students will learn how to transition from traditional hand-drawn animation techniques and creative processes into the digital realm. Production-flow, scheduling and pipeline will be integral to the understanding of how these principles work together in a creative project.

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**PHOTOGRAPHY I** (Course Number: 2032)

Credit: 0.5

Grade Level: 9-12

Prerequisite: None

Course Fee: \$20.00

Description: Photography is the exploration of the fundamental principles, techniques and application of camera-based image making. We will learn the techniques and applications of acquiring, manipulating and outputting digitized photographic images utilizing Adobe Photoshop.

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**PHOTOGRAPHY II** (Course Number: 8110)

Credit: 0.5

Grade Level: 9-12

Prerequisite: Photography I

Course Fee: \$30.00

Description: This class allows the student to further explore photographic composition as well as develop advanced skills in digital image manipulation. Students will also learn the techniques and applications for developing and projection printing of film camera images in the chemical darkroom.

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**SCREEN PRINTING** (Course Number: 2001)

Credit: 0.5

Grade Level: 9-12

Prerequisite: Graphic Design

Course Fee: \$25.00

Description: This course will acquaint you with the fundamental techniques required to produce hand-pulled screen prints and the principles behind them. Class will consist of lectures, demonstrations, critiques, and studio time, during which we will discuss the history of screen printing and its role as fine art, mass media, and commercial tools. Projects are designed to challenge students to consider their ideas within this specific medium and its context within printmaking and contemporary art.

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**STUDIO ART 1 AND 2** (Course Numbers: 12027, 12028)Credit: 0.5Grade Level: 9-12Prerequisite: NoneCourse Fee: \$25.00

Description: Through a sequential study of artistic elements, art media, drawing and painting techniques and art criticism, this course introduces students to the fundamentals of studio art. Students will be encouraged to explore media and think, talk and write about art. Students will build foundation skills, as well as the beginning of a portfolio, through hands-on practice and assignments. Through a variety of drawing and painting lessons, mostly based on perception, students will study line, shape and form, focusing on light, tonal drawing and linear and atmospheric perspective in black and white and color. Students will gain historical and cultural knowledge through their course readings and class discussions. Students will learn about art criticism to evaluate self and others' work.

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# **BUSINESS EDUCATION DEPARTMENT**

Instructor: Mrs. Maenner

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## **COLLEGE & CAREER EXPLORATION I (Course Number: 3231)**

Credit: 0.5

Grade Level: 9-10

Prerequisite: None

Course Fee: None

Description: This course is designed to help students explore possible career options and different colleges. The goal is directed at expanding awareness of one's self and the world of work in order to make deliberate career choices throughout one's lifetime. The course will entail a lot of self reflection to get to know one's interests and skills. We will practice decision making, problem solving, leadership, and create a plan to be prepared for life after high school.

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## **COLLEGE & CAREER EXPLORATION II (Course Number: 3232)**

Credit: 0.5

Grade Level: 11-12

Prerequisite: None

Course Fee: None

Description: This course is designed to help students be prepared for life after high school. The goal is directed towards making a decision on a college or career and going through the process of how to get there. We will cover financial aid, scholarship writing, program planning, resume building, interview practice, cover letters and get the opportunity to hear from speakers in related career fields.

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## **PRINCIPLES OF MARKETING (Course Number: 3021)**

Credit: 0.5

Grade Level: 9-12

Prerequisite: None

Course Fee: None

*This course is eligible for students to receive dual credit from Chippewa Valley Technical College with a passing grade. Number of credits received for CVTC: **3 credits***

Description: This course gives students an understanding of marketing functions and concepts. Concepts included in this course are: marketing mix, marketing decision making, market segmentation, promotion, research, product development, distribution and logistics. Principles of Marketing introduces modern marketing practices, studies how marketing plays a role in society and various techniques that are used by companies in various industries.

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## **FINANCIAL LITERACY (Course Number: 3206)**

Credit: 0.5

Grade Level: 11-12

Prerequisite: None

Course Fee: None

Description: This course is designed to help students make wise financial decisions. Topics for discussion will include: traditional and electronic checking and banking accounts; loans, interest, and different types of insurance; money management and budgeting; short-term savings strategies; cost of credit use, credit history and protecting credit ratings; and protecting one's financial identity. Students will also participate in a simulation that will demonstrate how to prepare a budget, write checks, and balance personal financial accounts.

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## **MS OFFICE SUITE (Course Number: 3107)**

Credit: 0.5

Grade Level: 9-12

Prerequisite: None

Course Fee: None

*This course is eligible for students to receive dual credit from Chippewa Valley Technical College with a passing grade. Number of credits received for CVTC: **2 credits***

Description: The goal of this course is to introduce students to the Microsoft Office Suite and gain understanding in how it can be used in an educational and business environment. Through this course students will familiarize themselves with the following Microsoft Office programs: Word, PowerPoint, Excel and Access. Students will also gain understanding in file management in order to better organize their electronic files. Through this course students will also have the opportunity to improve their keyboarding skills and technique. At the end of the class, students have the opportunity to become Microsoft Certified by taking a final exam if they wish.

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**WORK STUDY PROGRAM** (Course Numbers: 9223, 9224, 9225, 9226)

Credit: 0.5

Grade Level: 12

Course Fee: None

Prerequisite: You need to have a valid driver's license and transportation to work. In addition, **you need to have a job** that allows you to work at least 15 hours **during** the school week. (Attendance during the previous school year will also be considered).

Description: Are you interested in life after high school? Hopefully you've already started planning for this new and exciting time of your life. This course is designed to help you either find an area of interest or expand your current interests through off-site employment. You will need to turn in 3 to 4 paychecks, complete three reflective assignments, a final paper and a supervisor evaluation. You must be working at least 15 hours a week. If you do not meet these requirements, you will be removed from the Coop program. \*\*Youth Apprenticeship is an option of Work Study if the student's career pathway matches their current job or if they've taken HS courses that match their current job.

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**YEARBOOK** (Course Number: 1821)

Credit: 0.5

Grade Level: 9-12

Prerequisite: Photography or Communications

Course Fee: None

Description: Become a part of the yearbook staff and help create the school yearbook. Put together your creative skills, photography and page design and be a part of this year's story. Students will learn the concept of design, theme, layout, and photography skills.

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**ENTREPRENEURSHIP** (Course Number: 3236)

Credit: 0.5

Grade Level: 10-12

Prerequisite: Metals I or Woods I

Course Fee: None

Description: This course gives students the opportunity to expand their career skills as they will learn to run a business, manage inventory, write and analyze a business plan and sell products. The course will be collaborative with the Tech Ed department as they will build the products and the business department will manage, sell, and finance.

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# **ALTERNATIVE EDUCATION**

Instructor: Mrs. Kallio

## **ODYSSEYWARE - ONLINE LEARNING**

(Course Numbers: 4100, 41500)

Odysseyware gives our students the opportunity to further explore educational paths, allowing them to take classes above and beyond our current in-house curriculum. On the opposite end of the spectrum, students can recover lost credits by using Odysseyware coursework.

Odysseyware Lessons, Assessments and Instructional Tools are designed to equip learners with resources for academic success, incorporating a mix of grade-appropriate text, direct instruction videos, learning activities and games. Odysseyware lessons also integrate numerous instructional supports to address diverse learning styles and allow ongoing collaboration between learners and teachers.

***Please note: If a course is offered at EMHS, it will not be offered via virtual learning.***

## **The SCORE Program**

SCORE is the At-Risk program for the Elk Mound School District. SCORE helps students who are at-risk of not graduating on time due to a variety of reasons including school transfers, medical absences, academic/behavioral struggles, etc... In the SCORE room, students can recover missing credits, improve academic skills and relieve the many stresses of adolescence. SCORE students are involved in a variety of service learning projects as well, to help students learn to become caring members of the Elk Mound Community.

Additionally, the SCORE room is home to the GEDO2 program in Elk Mound. GEDO2 is an alternate route for seniors to high school graduation for students over the age of 17 who are highly credit deficient. They will prepare to take GED tests in Science, Math, Language Arts and/or Social Studies, depending on which Elk Mound graduation requirements they are missing. Students prepare for the GED test using Odysseyware classes and official GED practice tests. When ready, students go to CVTC to take the official GED test. Once a student has passed all GED tests and met all other GEDO2 requirements, they receive an Elk Mound High School diploma. The student's transcript, however, will reflect that they earned their diploma via a GED program.

# DISTANCE LEARNING COURSES

## [Distance Learning Home Page](#)

Distance Learning courses offered at Elk Mound High School are provided via interactive television. Course type and course schedules are subject to change. Below are the anticipated EMHS Distance Learning courses for the 2024-2025 academic year.

### 2024 -2025 CADENC Course Descriptions

#### **TECHNICAL COLLEGE COURSES**

These courses are taught by certified instructors at CVTC (Chippewa Valley Technical College) and/or NTC (Northcentral Technical College), using technical college books and materials. Students receive regular technical college credit upon completion of the course(s). Upon successful completion of the course, students will receive an official transcript with grade and credit(s) recorded at the technical college. Students enrolled in technical college courses will also receive high school credit (dual credit). These courses are of college level integrity and rigor. Courses will be taught on the technical college calendar as stated in the course syllabus. Absences due to conflicting high school activities must be pre arranged with the instructor, and students will be responsible for any missed work.

All high school student registrations must be submitted on the "High School Registration Form" with appropriate signatures and recommended form where applicable.

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#### **Medical Terminology (501-101)** (Course Number: 7905)

**Offered:** Fall Semester

**Prerequisite(s):** Biology.

**Description:** This course focuses on the component parts of medical terms: prefixes, suffixes, and word roots. Students practice formation, analysis, and reconstruction of terms. Emphasis on spelling, definition, and pronunciation. Introduction to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

*This class will be taught as a hybrid class – two days per week will be in the video classroom and the rest of the week will be online using Blackboard.*

**Credits:** CVTC Credit (3.0).

**Length:** 1 Semester.

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#### **Psychology, Introduction to (809-198)** (Course Number: 7930)

**Offered:** Spring Semester

**Prerequisite(s):** Minimum score of **16** on ACT Reading test or a minimum score of **70** on COMPASS Reading test

**Description:** This introductory course in psychology is a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. Additional topics include research methods, biological and environmental impacts, development, sensation and perception, consciousness, intelligence and stress. This course directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. Instructors may require students to use Blackboard, an online learning tool, to access some instructional resources.

**Credits:** CVTC Credit (3.0).

**Length:** 1 Semester.

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#### **Sociology, Introduction to (809-196)** (Course Number: 7130)

**Offered:** Fall & Spring Semester

**Prerequisite(s):** Minimum score of **16** on ACT Reading test or a minimum score of **70** on COMPASS Reading test

**Description:** Basic study of the role of society, culture and socialization in shaping individual behavior and societal institutions. Emphasis is placed upon applying sociological principles to both students' job settings and to their interpersonal relationships. Instructors may require students to use Blackboard, an online learning tool, to access some instructional resources.

**Credits:** CVTC Credit (3.0).

**Length:** 1 Semester

# WORLD LANGUAGE DEPARTMENT

Instructor: Mrs. Engen

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## **SPANISH I** (Course Numbers: 5690, 5692)

Credit: 1.0

Grade Level: 9-12

Prerequisite: none

Course Fee: None

Description: Spanish is an introduction to the Spanish language which emphasizes high frequency vocabulary and grammar unique to situational settings. Vocabulary, grammar and pronunciation are actively applied in speaking, reading, writing and listening comprehension. Hispanic culture is stressed in an on-going manner as an integral part of the course. Activities include full class participation and instruction as well as small group work. A variety of media is used. Homework will be given and serve as a basis for class activities, but class time will be utilized to work on it as well as ask any questions students have. Grades are based on daily in-class work, homework, quizzes, tests, presentations and projects.

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## **SPANISH II** (Course Numbers: 5691, 5693)

Credit: 1.0

Grade Level: 10-12

Prerequisite: Spanish I (C or better)

Course Fee: None

Description: Spanish II is a continuation of Spanish I with an emphasis on further development of basic language skills. Reading and listening skills continue to be emphasized with more writing and speaking skills stressed, as well. Students will continue to expand their understanding of Hispanic Culture. Technology is used frequently as a way to access information and to practice and expand vocabulary knowledge. Grades are based on activities and assignments in class, homework, quizzes, tests, presentations and projects.

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## **SPANISH III** (Course Numbers: 5708, 5709)

Credit: 1.0

Grade Level: 10-12

Prerequisite: Spanish II (B or better)

Course Fee: None

Description: In Spanish III, vocabulary expansion and grammar continue to be emphasized through listening, reading, writing and speaking activities. Students will be provided multiple opportunities to practice bringing the language skills they have acquired to life in various situational contexts in accordance with Spanish language standards. Students continue to explore cultural aspects of Spanish-speaking countries and the language engaging in a Spanish program, Spanish music, Literature and cultural activities. Assessment is based on in-class activities, homework, projects, presentations, quizzes and exams.

*Please note: Spanish courses are not required to graduate from EMHS, nor are they required for any Wisconsin University other than UW-Madison (2 years) and UW-Eau Claire (1 year), but requirements vary at private and out-of-state universities. Many of the UW-system schools require varying amounts of Foreign Language credits and/or study abroad, depending on the programs, for their graduation requirements.*

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# HEALTH & PHYSICAL EDUCATION DEPARTMENT

Instructors: Mrs. Stelter, Mr. Schiszik

Senior High Physical Education classes are designed to provide a wide range of physical activity and to promote a positive attitude toward physical fitness. Our program provides opportunities to learn and develop skills, coordination, and knowledge through participation in team, individual, and dual activities. *\*Note: 1 ½ credits are required for graduation.*

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## **CHILD DEVELOPMENT CO-OP** (Course Number: 4156)

Credit: 1

Grade Level: 10-12

Prerequisite: 8.0 Grade Point Average  
and/or Permission of Instructor

Course Fee: None

Description: Students in Child Development COOP will be working with elementary-aged students at Mound View Elementary.

*\*Students are asked not to request specific teachers, and will be placed at the discretion of the program coordinator. No late registrations will be accepted.*

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## **FITNESS** (Course Number: 9023)

Credit: 0.5

Grade Level: 10-12

Prerequisite: None

Course Fee: None

Description: This course includes methods for becoming physically fit outside the realm of team sporting activities. Over the duration of this course, students will set personal fitness goals, develop and implement a personal fitness plan, and track their fitness progress. Students will learn about each fitness component and the fitness concepts that are used to make a regular workout routine. Additionally, students will be introduced to a variety of exercises, methods, and designs of workouts.

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## **HEALTH I** (Course Numbers: 17825)

Credit: 0.5

Grade Level: 9

Prerequisite: None

Course Fee: None

Description: Material to be covered includes:

1. Drug Education (alcohol, tobacco & illegal drugs)
  2. Nutrition
  3. Mental/Emotional Health (mental disorders, depression & anxiety)
  4. 1st Aid/CPR/AED Training (students *will not* become certified)
  5. Chronic Diseases
  6. Health Careers health II
- 

## **HEALTH II** (Course Numbers: 17826)

Credit: 0.5

Grade Level: 11 or 12

Prerequisite: Health I

Course Fee: None

Description: Join us on a journey through late adolescence and early adulthood, where many decisions will be made regarding healthy and unhealthy relationships, marriage, pregnancy, parenting, and child development. Other related topics include relationship violence, the reproductive system, infertility, adoption, fetal development, birth defects, labor and delivery, SIDS, and Shaken Baby Syndrome.

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## **LIFETIME SPORTS** (Course Number: 9151)

Credit: 0.5

Grade Level: 10-12

Prerequisite: None

Course Fee: \$20.00

Description: Lifetime Sports offers indoor and outdoor lifetime activities to promote a positive attitude toward lifetime fitness. Focus is on individual and dual activities one might participate in after high school. **(\*Note: this course may be taken twice for credit.)**

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## **PHYSICAL EDUCATION SKINNY A & B** (Course Number: 110009)

Credit: 0.25

Grade Level: 9-12

Prerequisite: None

Course Fee: None

Description: This PE course focuses on weight training, swimming and team sports as ways to develop physical fitness.

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**TEAM SPORTS I** (Course Number: 9021)**Credit:** 0.5**Grade Level:** 9-10**Prerequisite:** None**Course Fee:** None

**Description:** This entry-level physical education class will be offered during terms 1 and 4. It offers a wide range of activities emphasizing outdoor team activities.

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**TEAM SPORTS II** (Course Number: 9022)**Credit:** 0.5**Grade Level:** 9-10**Prerequisite:** None**Course Fee:** None

**Description:** This entry-level physical education class will be offered during terms 2 and 3. It offers a wide range of activities emphasizing indoor team activities.

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**WEIGHT TRAINING & CONDITIONING** (Course Number: 9138)**Credit:** 0.5**Grade Level:** 9-12**Prerequisite:** None**Course Fee:** None

**Description:** Focus areas of this introductory course are: weight lifting to enhance muscle tone and muscle strength, plyometrics, weight-room safety, and correct lifting technique. May include components such as anatomy and conditioning. ***\*May be taken up to 3 times for credit.***

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## ENGLISH DEPARTMENT

Instructors: Mrs. Hahn, Mrs. Jackson, Mrs. Jones, Mr. Roshell

**Students must have four (4) credits (8 terms) in English to graduate from Elk Mound High School.**

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### **ADVANCED PLACEMENT (AP) ENGLISH LITERATURE & COMPOSITION** (Course Number: 5614)

Credit: 1.0      Grade Level: 11-12      Prerequisite: English 9 and English 10.      Course Fee: None (The AP test is \$98.)

\*GPA Weighted

\*This course is open to seniors of good academic standing. If a junior wishes to take AP, they must score in the College Pathway on Fastbridge and obtain English Department approval.

Description: AP English Literature & Composition is designed to provide students with learning experiences and workloads similar to that of an undergraduate literature course. This rigorous course exposes students to British, American, and world literature through a variety of genres. Students will study poetry, short stories, drama, novels, and nonfiction from the Anglo-Saxon period through contemporary (post 1960) times. Students will be expected to apply their prior knowledge of figurative language and literary elements to their discussion and analysis of these works and the societies in which the works are placed. In addition to literature, writing is heavily emphasized in this course. Students should expect to write several timed literary analysis essays in addition to a major research paper. Grammar and vocabulary are woven throughout each unit and through daily warm-ups. Remember, because the end goal is to take the AP placement exam in May (not required, but recommended), work expected to be completed outside of class may be of a higher amount than non-AP classes. \*This course has a REQUIRED summer reading/assignment component.

\*Upon completion of the course, students are encouraged to take the AP English Literature & Composition Exam given in May. If a student receives a 3, 4, or 5 on the exam (a 5 is the highest score a student can earn), he/she will most likely be granted college credit at many postsecondary institutions. Students are responsible for the cost of this exam (\$98.00).

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### **English 9** (Course Numbers: 5420, 5421)

Credit: 1.0      Grade Level: 9      Prerequisite: None      Course Fee: None

Description: This course is designed to prepare students for their future English courses at Elk Mound High School. Students will experience six thematic units, each of which will incorporate skills of reading, writing, listening, and speaking. Students will read fiction and nonfiction texts centered around themes and will respond to reading through discussion and writing. In this course, students will produce literary analysis essays and argumentative essays while learning and practicing research and citation skills. The grammar focus of English 9 is designed to help students master the ability to use phrases, clauses, and parallelism to emphasize ideas in their writing.

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### **English 10** (Course Numbers: 5430, 5431)

Credit: 1.0      Grade Level: 10      Prerequisite: English 9      Course Fee: None

Description: This course is designed to build off of the skills mastered in English 9. Students will explore six thematic units consisting of fiction and nonfiction reading. Writing emphasis will be placed on compare and contrast and argumentative research essays. Students will enhance their speaking and listening skills in terms of clarifying, verifying, challenging, and synthesizing ideas. The grammar focus will consist of semicolons, precise verb choice, adjectival and adverbial phrases, ellipses and brackets when quoting, and blending quotations into writing.

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### **American Literature** (Course Numbers: 5440, 5441)

Credit: 1.0      Grade Level: 11      Prerequisite: English 10      Course Fee: None

\*This is a required JUNIOR level English course, unless a student takes AP Literature & Composition during the junior year.

Description: This course is designed to build off of the skills mastered in English 10. Students will explore six thematic units consisting of fiction and nonfiction reading. Writing emphasis will be placed on argumentative, literary review, literary analysis, and explanatory/informative essays as well as synthesizing evidence from research. Students will enhance their speaking and listening skills through collaborative discussion, debate, and individual speeches. The grammar focus will concentrate on developing sophisticated sentence structure and using relatable comparisons and preparing for the ACT English exam.

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**MEDIA STUDIES** (Course Number: 5514)**Credit:** 0.5**Grade Level:** 11-12**Prerequisite:** English 9 and English 10**Course Fee:** None

**Description:** This course will ask students to examine and critically analyze various types of media as a pervasive element in modern society. It will require students to engage in serious exploration and evaluation of diverse media genres and understand media literacy. The goal of this course is not to teach students what to think, but rather *how* to think about the media and become informed digital citizens. Emphasis is placed upon critical viewing and thinking skills.

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**THEATER AS LITERATURE** (Course Number: 5523))**Credit:** 0.5**Grade Level:** 11-12**Prerequisite:** English 9 and English 10**Course Fee:** None

**Description:** Students will study a variety of drama genres. Students will familiarize themselves with current authors and titles as well as how authors and directors have used the stage to entertain, educate, and inform their audiences. Students may occasionally watch dramatizations of these scripts or bring them to life by acting out scenes from the scripts. Plays that will be studied may include *Of Mice and Men*, *Twelve Angry Men*, *Proof*, and a play by Shakespeare. All reading will be done during class time. Students will put on a full-stage production (set, props, lighting, costumes, script, direction) of a chosen play on for fellow students to see as their final project.

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**COLLEGE WRITING** (Course Number: 5524)**Credit:** 0.5**Grade level:** 11-12**Prerequisite:** English 9 and English 10**Course Fee:** None

**(STUDENTS WHO HAVE ALREADY TAKEN COMPOSITION II OR ADVANCED COMPOSITION II SHOULD NOT TAKE THIS COURSE!)**

\*Recommended course for college-bound students

**Description:** Students will approach writing as a process, develop and support a thesis in an organized way, examine and respond to the ideas and strategies in the writing of others, and foster proficiency with the language itself. Students will produce persuasive, informative, and research-based essays. The importance of proper grammar, punctuation, and spelling is highlighted as emphasis is placed on editing and revising pieces of writing.

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**NONFICTION** (Course Number: 5515)**Credit:** 0.5**Grade Levels:** 11-12**Prerequisite:** English 9 and English 10**Course Fee:** None

**Description:** Students will read, understand, and critique a wide variety of nonfiction styles including autobiographies, biographies, essays, speeches, editorials, and articles. They will be able to recognize opinion and bias; identify writer's purpose, tone, and point of view; foster a respect for the role of the writer in a democratic society; and appreciate the craft of nonfiction through close reading.

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**READING** (Course Number: 5051-5054)**Credit:** 0.25**Grade Level:** 9**Prerequisite:** Instructor Approval**Course Fee:** None

**Description:** The class will spend much time on learning to recognize and use each stage of the reading process. Students will become familiar with many strategies, practice these strategies, and make them a part of their reading and writing process. Students will read a variety of fiction and nonfiction.

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# MATH DEPARTMENT

Instructors: Mr. Day, Mr. Nerbovig, Mr. Pronschinske, Mr. Wesely

The following are suggested paths for math throughout high school.

\*\*minimum of 4 credits required\*\*

Path	Freshmen Year	Sophomore Year	Junior Year	Senior Year
<b>Path 1</b> (4 Year College Bound...Math Field)	<b>Advanced Algebra (1 cr)</b>	<b>Geometry (1 cr) and Algebra II (1 cr)</b>	<b>AP Pre-Calc (1 cr)</b>	<b>AP Calculus (1 cr)</b>
			<b>AP Statistics (1 cr)</b>	<b>AP Statistics (1 cr)</b>
<b>Path 2</b>	<b>Algebra I (2 cr)</b>	<b>Geometry (1 cr)</b>	<b>Algebra II (1 cr)</b>	<b>Intro to College Alg (1 cr)</b>
				<b>AP Precalculus (1 cr)</b>
				<b>AP Statistics (1 cr)</b>
				<b>Tech Math (1 cr)</b>
<b>Path 3</b>	<b>Intro to Algebra (1 cr)</b>	<b>Algebra Essentials (2 cr)</b>	<b>Geometry Essentials (1 cr)</b>	<b>Tech Math (1 cr)</b>

\* Senior year is a suggested course, however, only 4 credits are required for graduation.

\*\* Students have the ability to move between paths to take similar classes. For example, after Algebra I a student may take Essentials Geometry vs. Geometry and Algebra II as a sophomore.

\*\*\* Algebra I and Geometry are tech school requirements. Algebra I, Geometry, and Algebra II are requirements for 4 year universities.

## **INTRODUCTION TO ALGEBRA** (Course Numbers: 6614, 6615, 6616, 6617)

Credit: 1.0

Grade Level: 9-12

Prerequisite: Instructor Approval

Course Fee: None

Required Materials: Basic Calculator (TI-30XIIS recommended)

Description: This class should be taken if the student is not yet ready for Algebra I. The course is designed to strengthen basic math skills. It will also help build confidence in students for success in Algebra I. This will be a differentiated course for each individual student and their specific learning needs. A secondary goal is to prepare students for Algebra I. Topics for the class may include whole numbers, number theory, fractions, decimals, integers, ratio and proportion, percent, and introduction to geometry, metric measurement, customary measurement, measuring circles, cylinders, and time, graphs, scale drawing, algebraic expressions, solving equations and inequalities, linear functions, and area. Due to the nature of this class, a student may receive a passing grade, yet not move on to Algebra I; in this case a student would be doing well for the concepts they are working on, but are not yet doing grade level concepts and are therefore not ready to move on.

## **Advanced Algebra I** (Course Numbers: 16623, 16624, 16663, 16664)

Credit: 1.0

Grade Level: 9-12

Prerequisite: Recommendation from MS

Course Fee: None

Required Materials: Any model of a TI-84 Graphing Calculator

Description: This course is designed to introduce and master all of the Algebra I concepts needed to be successful in Algebra II. Students will learn to represent unknowns, write equations for particular unknowns, and solve the equations. First and second-degree equations will comprise the bulk of the course material. Other topics of study include reasoning, graphing, polynomials, and factoring. Students must be able to work at a faster pace and be self-motivating.

## **Algebra I** (Course Numbers: 6623, 6624, 6663, 6664)

Credit: 2.0

Grade Level: 9-12

Prerequisite: Instructor Approval

Course Fee: None

Required Materials: Basic Calculator (TI-30XIIS recommended or TI-84 (not Casio) if the student plans to focus on Math)

Description: This course is designed to introduce and master all of the Algebra I concepts needed to be successful in Algebra II. Students will learn to represent unknowns, write equations - true for particular unknowns, and solve the equations. First and second-degree equations will comprise the bulk of the course material. Other topics of study include reasoning, graphing, polynomials, and factoring. The basics of Geometry will also be covered in the fourth quarter.

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**Algebra I Essentials** (Course Numbers: 6618, 6619, 6620, 6621)**Credit:** 2.0**Grade Level:** 10-12**Prerequisite:** Intro to Algebra**Course Fee:** None**Required Materials:** Basic Calculator (TI-30XIIS recommended), Ruler

**Description:** Algebra I Essentials introduces the concept of unknowns to mathematical equations and expressions. Students will learn to represent unknowns, write equations true for particular unknowns, and solve the equations. First and second-degree equations will comprise the bulk of the course material. Other topics of study include reasoning, graphing, polynomials, and factoring. This class will be taught at a slower pace than Algebra I and is co-taught with another teacher. The basics of Geometry will also be introduced in the fourth quarter.

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**Geometry** (Course Numbers: 6100, 6150)**Credit:** 1.0**Grade Level:** 10-12**Prerequisite:** Algebra I**Course Fee:** None**Required Materials:** TI-30XIIS calculator, protractor, compass and ruler

**Description:** This course develops geometric skills. Major portions of the Geometry class are Logic, proofs and discovering the properties of triangles, rectangles, circles, and other geometric figures. The course will center on the following: Points, Lines and Planes, Trigonometry, Reasoning and Proof, Circles, Perpendicular and Parallel Lines, Areas and Volumes, Congruent Triangles, Coordinate Geometry, Quadrilaterals, Transformations, Proportion and Similarity, Constructions.

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**Geometry Essentials** (Course Numbers: 6626, 6627, 6628, 6629)**Credit:** 1.0**Grade Level:** 10-12**Prerequisite:** Algebra I Essentials**Course Fee:** None**Required Materials:** TI-30XIIS calculator, protractor, compass and ruler

**Description:** This course develops geometric skills. A major portion of the Geometry class is concerned Logic, proofs and discovering the properties of triangles, rectangles, circles, and other geometric figures. The course will center on the following: Points, Lines and Planes, Trigonometry, Reasoning and Proof, Circles, Perpendicular and Parallel Lines, Areas and Volumes, Congruent Triangles, Coordinate Geometry, Quadrilaterals, Transformations, Proportion and Similarity, Constructions. *\*The Essentials version will cover all objectives covered in the semester course, with more time spent on covering materials in-depth.*

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**Algebra II** (Course Numbers: 6000, 6050)**Credit:** 1.0**Grade Level:** 10-12**Prerequisite:** Algebra I**Course Fee:** None**Required Materials:** A Texas Instruments TI-83 or TI-84 graphing calculator will be needed (NO CASIO)

**Description:** This course is designed to expand upon the concepts introduced in Algebra I. It will review Algebra I concepts emphasizing abstract thinking skills and the function concept.

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**INTRO TO COLLEGE ALGEBRA** (Course Numbers: 6001, 6051)**Credit:** 1.0**Grade Level:** 11-12**Prerequisite:** Algebra II and Geometry**Course Fee:** None**Required Materials:** A Texas Instruments TI-83 or TI-84 graphing calculator will be needed (NO CASIO)

**Description:** This course will expand on the concepts that were covered in Algebra II. We will then cover concepts that students will encounter in a College Algebra class. This class is for students who completed Algebra II and Geometry but have NOT taken Pre Calculus. This is a great class to bridge the gap for seniors as they go off to college or for juniors to review math skills for the ACT.

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**TECHNICAL MATHEMATICS** (Course Number: 6636)**Credit:** 1.0**Grade Level:** 11-12**Prerequisite:** Algebra I and Geometry**Course Fee:** None**Required Materials:** Calculator, pencil**Dual Credit:** CVTC Math for the Technical Trades (C or better)

**Description:** Technical Mathematics is an applied technical math course. The course includes arithmetic, measurement calculation, formula manipulation, basic geometry, right triangle trigonometry, and interpretation of visual displays of data, with an emphasis on contextualized technical applications. The core competencies addressed in this course are:

1. Calculate arithmetic operations involving integers and decimals.
2. Calculate arithmetic operations involving fractions.
3. Analyze data and units in measurement systems.
4. Solve algebraic equations.
5. Determine properties of geometric figures.
6. Apply Trigonometric Relationships.
7. Solve contextualized problems.

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**AP PRECALCULUS** (Course Numbers: 6326, 6376)**Credit:** 1.0**Grade Level:** 10-12**Prerequisite:** Algebra II (B or better) and Geometry**Course Fee:** None**Required Materials:** A Texas Instruments TI-83 or TI-84 graphing calculator will be needed (NO CASIO).

**Description:** This course blends together all algebraic and trigonometric concepts and skills that must be mastered prior to enrollment in a college-level calculus class. It is used in future mathematics and science courses in college and technical schools.

This course will center on the following:

1. Advanced Algebra
2. Advanced Functions: Linear relations and functions; Conics; Systems of equations and inequalities; exponential and logarithmic functions; Nature of graphs
3. Discrete Mathematics: Polynomial and rational functions; Sequences and series
4. Trigonometry: Trigonometric functions; Iteration and fractals; Graphs and inverse equations; trigonometric identities and equations
5. Introduction to Calculus: Vectors and parametric equations; Polar coordinates and complex numbers

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**AP STATISTICS** (Course Numbers: 6622, 6652)**Credit:** 1.0**Grade Level:** 11-12**Prerequisite:** Algebra II (B or better)**Course Fee:** None**Required Materials:** A Texas Instruments TI-83 or TI-84 graphing calculator will be needed (NO CASIO).

**Description:** Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. This class will prepare students for the Advanced Placement Statistics exam in which students may earn college math credit

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**AP CALCULUS** (Course Number: 6630)**Credit:** 1.0**Grade Level:** 11-12**Prerequisite:** Pre-Calculus (B or better)**Course Fee:** \$96.00**Required Materials:** A Texas Instruments TI-83 or TI-84 graphing calculator will be needed (NO CASIO)

**Description:** This course blends together all mathematical concepts and skills that must be mastered throughout your high school mathematics' career. Calculus provides an excellent opportunity for the student to experience a college-level mathematics course in a high school environment. Calculus deals with calculating and exploring things that change at variable rates. The major concepts of calculus include limits, derivatives and integrals. This class will prepare students for the Advanced Placement Calculus exam in which students may earn college math credit.

This course will center on the following:

1. Functions, Graphs, and Limits
  2. Integrals: Analysis of graphs; Interpretations and properties of definite integrals; Limits of functions (including one-sided limits); Applications of integrals; Asymptotic and unbounded behavior; Fundamental Theorem of Calculus; Continuity as a property of functions; Techniques of antidifferentiation; Parametric, polar, and vector functions; Applications of antidifferentiation
  3. Derivatives: Numerical approximations to definite integrals; Concept of the derivative
  4. Polynomial: Derivative at a point; Concept of series; Derivative as a function; Series of constants; Second derivatives; Taylor series; Applications of derivatives; Computation of Derivative
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# MUSIC DEPARTMENT

Instructors: Mr. Murphy, Mr. Tilus

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## **BAND** (Course Numbers: 9350, 9360, 9370, 9376)

Credit: 0.25

Grade Level: 9-12

Prerequisite: None

Course Fee: \$9.00

Description: The concert band course is designed to teach the students the following:

Proper instrumental technique; the enhancement of music reading skills; the introduction and study of world cultural music; and the performance of a variety of music literature and styles. The Elk Mound Band performs throughout the year at home volleyball, football, and basketball. The Marching Band also performs and competes in parades throughout midwest Wisconsin.

*Students in need of an instrument can either purchase/rent from a local music store or from the high school as they are available.*

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## **JAZZ BAND** (Course Numbers: 9311, 9312, 9313, 9314)

Credit: 0.25

Grade Level: 9-12

Prerequisite: None

Course Fee: None

Description: Jazz Band emphasizes instruction in advanced techniques of jazz instrument playing. These include skills in tone, intonation, rhythm, tempo, dynamics, articulation, harmony, phrasing, style, and improvisation. Students will learn about and perform music with historical significance, while exploring many genres of jazz music. The Elk Mound Jazz Band will perform throughout the year at events in Elk Mound, throughout Wisconsin, and beyond!

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## **MOUNDER CHOIR** (Course Numbers: 9260, 9265, 9270, 9276)

Credit: 0.25

Grade Level: 9-12

Prerequisite: None

Course Fee: \$9.00

Description: Mounder Choir is a course where students will be exposed to and perform a variety of well established choral music literature. During this course students will learn about the appropriate techniques for proper vocal production, sing in small and large group settings, and grow their skills working alone and as a member of a team. This ensemble performs at several events throughout the year, and attendance at each event is mandatory. Voice Lessons outside of normal class time are optional but highly encouraged throughout this course. There will be opportunities for individual musician growth through conferences/trips, the annual solo/ensemble festival, choral festivals, etc. This ensemble tours annually to enhance the individual as well as ensemble in their music education.

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## **VOCAL JAZZ** (Course Numbers: 9261, 9266, 9271, 9277)

Credit: 0.25

Grade Level: 10-12

Prerequisite: 4 quarters of Mounder Choir

Course Fee: none

Requirements: Must also be enrolled in Mounder Choir

Description: Description: Vocal Jazz is an *Auditioned* vocal group where students are exposed to and perform a variety of well established choral music literature. Auditions for this course will be held in the spring of the prior school year. During this course students will learn about the appropriate techniques for proper vocal production, sing in small group settings, and grow their skills working alone and as a member of a team. This ensemble performs at several events throughout the year, and attendance at each event is mandatory. Voice Lessons outside of normal class time are optional but highly encouraged throughout this course. There will be opportunities for individual musician growth through conferences/trips, the annual solo/ensemble festival, choral festivals, etc. This ensemble tours annually to enhance the individual as well as ensemble in their music education.

# SCIENCE DEPARTMENT

Instructors: Mr. Maenner, Mr. Walczak, Mr. Powell

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## **ANATOMY & PHYSIOLOGY** (Course Number: 7030)

Credit: 1.0

Grade Level: 11-12

Prerequisite: Biology (B) and Chemistry (C)

Course Fee: \$45.00

Description: This course is designed to broaden the level of understanding through an in depth study of the human body. Connections to previous learning activities can be drawn from to further study anatomy, physiology and other current biological topics. A fetal pig dissection is a required component of this course. A field trip to UW Stout to view a dissected cadaver is a possibility. This class is designed to prepare students to be successful in a college anatomy and physiology course as well as biology in general. Students considering this course should be self-directed learners with strong reading comprehension skills.

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## **BIOLOGY** (Course Numbers: 7100, 7150)

Credit: 1.0

Grade Level: 10

Prerequisite: None

Course Fee: None

Description: Students will investigate biological systems at the molecular, cellular, and macrobiological level. Hands-on laboratory exercises incorporating cellular biology, genetics, DNA technology, evolution, and ecology will be provided to assist students in their understanding of biological themes. Projects and reading assignments may be required with each unit of instruction.

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## **BIOLOGY II** (Course Number: 7110)

Credit: 1.0

Grade Level: 11-12

Prerequisite: Biology (B) and Chemistry (C)

Course Fee: \$5.00

Required Materials: A scientific calculator is needed for this class.

Description: Biology II is designed for the student who has a strong interest in biology. Students explore advanced topics selected from cellular biology, biochemistry, biotechnology, genetics, microbiology, evolution, behavior, ecology, plant and animal anatomy, and physiology. Research and advanced laboratory techniques are emphasized.

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## **CHEMISTRY I** (Course Numbers: 7425, 7475)

Credit: 1.0

Grade Level: 10-12

Prerequisite: Algebra I (C) and Gen Sci (C)

Course Fee: \$10.00

Required Materials: A scientific calculator is needed for this class.

Description: Chemistry is an inquiry based course that examines matter and the changes it undergoes. Experiments and activities are used to introduce concepts including the structure of atoms, and chemical compounds, the relationships among the elements on the periodic table, chemical and physical transformations, and the measurement and calculations of chemical quantities. *Strong math skills are recommended.* In addition, students will spend a significant amount of class time in the laboratory. Participation in laboratory activities requires safety goggles which are provided by the instructor.

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## **CHEMISTRY II** (Course Number: 7460)

Credit: 1.0

Grade Level: 11-12

Prerequisite: Algebra I (C), Chem I (B) or Approval Course Fee: \$10.00

Required Materials: A scientific calculator is needed for this class.

Description: Problem solving is the main emphasis in studying the topics covered in Chemistry II. New topics covered in Chemistry II include reaction rates, equilibrium, acids and bases, thermodynamics, oxidation-reduction, electrochemistry, and organic chemistry. *Strong math skills are recommended.* A large portion of the class will be spent in the laboratory setting.

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## **ENVIRONMENTAL SCIENCE** (Course Numbers: 7225 & 7226)

Credit: 1.0

Grade Level: 10-12

Prerequisite: Gen Sci and Biology

Course Fee: \$10.00

Description: Environmental Sciences is a fantastic non-math based science that will embark on an exciting journey to explore the interconnectedness of our planet! This course provides basic scientific knowledge and understanding of how our world works from an environmental perspective. Topics covered include: basic principles of ecosystem function; biodiversity and its conservation; human population growth; water resources and management; water, air and soil pollution; climate change; energy resources, and sustainability. Discover the ways in which you can make a positive impact on the world around you by becoming an advocate for sustainability and environmental stewardship. Enroll now and be part of the solution!

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**GENERAL SCIENCE** (Course Numbers: 7311, 7312, 7313, 7314)Credit: 1.0Grade Level: 9Prerequisite: NoneCourse Fee: None

Description: This introductory course will focus on the subject area of physical science. This is a year-long course. Topics covered in this class are physics and chemistry. Through inquiry, students will examine how physics and chemistry are incorporated in real-life situations. This is a general science course therefore students are exposed to a variety of scientific theories and methods that will prepare them for future science courses.

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**EARTH SCIENCE (Course Numbers: )**Credit: 0.5Grade Level: 9Prerequisite: NoneCourse Fee: None

Description: This course will explore the fascinating world of our planet and its natural processes. The curriculum covers a wide range of topics, including the Earth's structure, plate tectonics, weather and climate and the water cycle. Students will dive into the study of natural disasters such as earthquakes and volcanic eruptions, and examine the impact of humans on the environment. Through hands-on experiments, scientific investigations, and discussions, students will gain a deeper understanding of the Earth's systems and develop critical thinking skills to analyze and interpret these geological events. The course finishes with exploring Earth's spot in the solar system.

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**MEDICAL TERMINOLOGY** (Course Number: 7905)Credit: 1.0 (CVTC Transcribed Credit 3.0) Grade Level: 11-12 Prerequisite: Biology (C) or Approval Course Fee: None

Description: This is a transcribed credit course through CVTC. This course focuses on the component parts of medical terms: prefixes, suffixes, and word roots. Students practice formation, analysis, and reconstruction of terms. Emphasis on spelling, definition, and pronunciation. Introduction to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

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**PHYSICS - Mechanics** (Course Numbers: 7300, 7350)Credit: 1.0Grade Level: 11-12Prerequisite: Geometry (C) or ApprovalCourse Fee: \$10.00Required Materials: A scientific calculator is needed for this class.

Description: The vast majority of the course will focus on the topics of dynamics (forces) and mechanics (motion). This is a college preparatory course and will be very similar to a first semester of college physics. *Strong math skills are required.* Much of the course work focuses on the application of different mathematical relationships to real word problems.

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**PHYSICS - Special Topics** (Course Number: 7330)Credit: 1.0Grade Level: 11-12Prerequisite: Geometry (C) or ApprovalCourse Fee: \$5.00**\*\*Physics Mechanics is NOT a prerequisite anymore\*\***

Description: Physics is the study of motion, forces and energy. Physics Combination will build upon the fundamentals gained in previous math courses.. The majority of the course will focus on the topics of energy, torque, light and lenses, electricity & magnetism and fluid dynamics. *Strong math skills are required.* Much of the course work focuses on the application of different mathematical relationships to real word problems.

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# SOCIAL STUDIES DEPARTMENT

Instructors: Mrs. Carlson, Mr. Lew, Mr. Roshell

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## **BEHAVIORAL SCIENCES (PSYCHOLOGY AND SOCIOLOGY) (Course Number: 7931)**

Credit: 0.5

Grade Level: 9-12

Prerequisite: None

Course Fee: None

Description: This course will be a course exploring the three major disciplines of Social Sciences. This course will survey the main topics of the Behavioral Sciences, and aid your understanding of these in further educational endeavors. You will also hopefully get a little glimpse at yourself, and why you are the way you are and react to different situations.. This course is just a small glimpse at the Behavioral Sciences, and the hope is to spark interest in you to discover more on the topics of Psychology, Sociology, and Anthropology. Much of the content is college content which will aid you in Psychology and Sociology courses in the future.

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## **Modern US History (Course Number: 7551)**

Credit: 0.5

Grade Level: 10-12

Prerequisite: History 9

Course Fee: None

Description: This course is designed to foster a thorough understanding of selected contemporary economic, political, and social topics. Students will present arguments for complex issues and propose solutions to challenging problems.

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## **GOVERNMENT (Course Number: 7862)**

Credit: 1.0

Grade Level: 11-12

Prerequisite: History 9 and History 10

Course Fee: None

Description: Through this course, students will gain an understanding of the role and scope of government and the rights and liberties we are granted. Students will be encouraged to become active participants in our democracy. Topics include the purpose of government, understanding types of government, the creation of our Constitution, examining the Bill of Rights, the court system, the executive branch, the electoral college, determining where you land on the political spectrum, voting, current events, state and local government, and more.

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## **HISTORY OF MONEY AND MARKETS (ECONOMICS) (Course Number: 7671)**

Credit: 0.5

Grade Level: 11-12

Prerequisite: History 9

Course Fee: None

Description: This course will be an overview of economic concepts in an ever-changing society at the world, state, and local levels. Students will discover how decisions about spending and production made by households, businesses, and governments determine the nation's levels of income, employment and prices. We will relate basic economic concepts (such as supply and demand; production, distribution, and consumption; labor, wages and capital; inflation and deflation.) to compare and contrast these to local, regional, and national economies. The students will also learn real world applications such as skills for success in today's workforce, taxes, trends in employment, entrepreneurship, post-secondary education financing, needs and wants, power of credit, and saving and investing in a complicated society.

Required reading: *Naked Economics* by Charles Wheelan

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## **U. S. HISTORY 9 (Course Number: 7580)**

Credit: 0.5

Grade Level: 9

Prerequisite: None

Course Fee: None

Description: Through this course, students will study the origins of the United States through the Civil War and Reconstruction era emphasizing significant social, political and economic events, critical movements, and people of various backgrounds. Students will be expected to have open minds, think critically, and utilize the skills and tools that historians use. Focus will be placed on the development of skills necessary to analyze historical text and form historical arguments.

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**U. S. HISTORY 10** (Course Numbers: 7630, 7635)**Credit:** 1.0**Grade Level:** 10**Prerequisite:** History 9**Course Fee:** None

**Description:** Horace Mann, the Father of American Education, believed that the purpose of public education was to prepare young people to be effective citizens. This course supports that mission by providing an appreciation of significant American events and people. We will gather, interpret, analyze, and evaluate evidence that has shaped the nation's history. Acting as historians, we will appreciate history as both a record of the past and as an indicator of the future. This course will stress communication, cooperative learning, and critical thinking. Themes studied during part 1 of U.S. History 10 will include Immigration & Cities at the Turn of the Century, Westward Expansion and Native Americans, Industrialization and the Progressive Era, Imperialism, and World War I. Themes during part 2 of U.S. History 10 will include the Roaring 20's, the Great Depression, World War II, the Cold War, the Korean War, the Vietnam War, culture shifts in the 1950's & 1960's, and key events and people between the 1960's and modern day.

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**WORLD HISTORY 2: WORLDVIEWS; THE ENLIGHTENMENT TO WORLD WAR I** (Course Number: 7616)**Credit:** 0.5**Grade Level:** 9-12**Prerequisite:** None**Course Fee:** None

**Description:** Through this course, students will study major historical transformations throughout the world from the 1400-1900s. Topics of study will include renaissance, reformation, exploration, colonization, mercantile imperialism, Enlightenment, and the French Revolution as they have affected life in Europe, the Middle East, Asia, South America, and Africa. This course will emphasize significant events, critical movements, and people of various regions throughout the world. Topics will include Enlightenment, Industrial Revolution, Imperialism, Spread of Nationalism, World War I and events leading to World War II. Students will be expected to have open minds, think critically, and utilize the skills and tools that historians use. Focus will be placed on the development of skills necessary to analyze historical text and form historical arguments.

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**WORLD HISTORY 3: WORLD CONFLICTS FROM WORLD WARS TO TODAY** (Course Number: 7626)**Credit:** 0.5**Grade Level:** 9-12**Prerequisite:** None**Course Fee:** None

**Description:** This course will emphasize significant events, critical movements, and people of various regions throughout the world from the 1900s to the present. This course will emphasize significant events, critical movements, cultural, society and people of various regions throughout the world. Topics will include post-WWI/WWII and a Divided World, Revolutions and Rights Movements in the World during and after the Cold War, and modern conflicts. Students will be expected to have open minds, think critically, and utilize the skills and tools that historians use. Focus will be placed on the development of skills necessary to analyze historical text and form historical arguments.

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# TECHNOLOGY EDUCATION DEPARTMENT

Instructor: Mr. Steinke, Mr. Hanson

Required: One of the following courses: Metals I, Woods I, Small Engines, or Automotive Care

The remaining courses in the Technology Education Department are elective courses. Because of the increasing costs associated with our classes, many of the classes have a small lab fee to help cover the costs of basic materials. In addition, you will be charged for personal projects that you will take home at the end of the course.

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## **ADVANCED PROCESSING - INDEPENDENT STUDY** (Course Number: 9165)

Credit: 0.5

Grade Level: 11-12

Prerequisite: 2.0 TechEd Credit (B) and Approval

Course Fee: \$25 min

Description: Independent study, self-paced, for the student who desires "hands-on" time in the labs. Students will be required to maintain a digital logbook that will reflect daily activities and projects worked on in class. Students must show an ability to work independently and be willing to provide at least 25% of their time to "community service" projects. These include, but are not limited to, working on projects for the school and community.

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## **AUTOMOTIVE CARE** (Course Number: 8700)

Credit: 0.5

Grade Level: 10-12

Prerequisite: Valid Driver's License and a Vehicle

Course Fee: \$15.00

Description: This class is a general maintenance class that every driver should take!

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## **CONSTRUCTION** (Course Number: 8600)

Credit: 0.5

Grade Level: 10-12

Prerequisite: Woods I

Course Fee: \$10.00

\*Limited to 14 students\*

Description: This class is designed to provide experiences in residential construction practices. All aspects of construction including design, planning, estimation, site planning, and actual hands-on activities will be included. **This course may be taken as articulated credit at CVTC.**

Projects: building sheds, deer blinds, small buildings, etc.

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## **DIGITAL FABRICATION (DIGIFAB)** (Course Number: 8258)

Credit: 0.5

Grade Level: 10-12

Prerequisite: Woods I or Metals I

Course Fee: \$30.00

\*Limited to 12 students\*

Description: Dream it, Design it, Make it, Take it! DigiFab utilizes the FabLab learning environment to use the 3D printer, Laser Engravers, Vinyl Cutters, Sublimation, CNC Machine, Plasma Cutter, and various software programs to design and create products. Students will focus on quality control, problem-solving, and collaboration in the process of product design and development.

Projects: various laser projects, vinyl t-shirts, 3D printing, choice of sublimation projects, stickers, and more

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## **DRAFTING** (Course Number: 8355)

Credit: 0.5

Grade Level: 10-12

Prerequisite: Woods I or Metals I

Course Fee: \$5.00

Description: Students will use drafting/CAD to understand architectural concepts and mechanical design. Content includes floor plans, site development, model construction. Recommended for students considering any technical or engineering career.

Projects: projects may vary focused on design

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**ENGINEERING AND DESIGN** (Course Number: 8259)**Credit:** 0.5**Grade Level:** 10-12**Prerequisite:** General Science and  
Woods I or Metals I**Course Fee:** \$10.00

**Description:** This is a design-based class in which students will learn the concepts of engineering design and problem solving by completing a series of projects. The intention of this course is to teach engineering design through a practical and real world approach to problem solving. Students will be able to apply principles of science, technology, engineering, mathematics, communication, and teamwork to the solution of project designs and problem solving to create a Rube Goldberg challenge and more.

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**MACHINING I** (Course Number: 8500)**Credit:** 0.5**Grade Level:** 10-12**Prerequisite:** Metals I**Course Fee:** \$25.00

\*Limited to 12 students\*

**Description:** This class will explore drilling, milling, and turning of metal.

**Projects:** Pizza cutter, dice, etc.

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**METALS I** (Course Number: 8253)**Credit:** 0.5**Grade Level:** 9-12**Prerequisite:** None**Course Fee:** \$25.00

**Description:** Either this **or** WOODS I is a prerequisite for **ALL** Tech Ed courses. Areas of study include blueprint reading, manufacturing, and fabrication including welding, sheet metal, bench work, and using power tools. You will utilize problem solving using the tools/skills from class to solve critical thinking problems. We may also use the FabLab machines in some of these projects as time/resources permit.

**Projects:** Metal signs, yard decorations, can crushers etc.

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**Metal Fabrication****Credit:** 0.5**Grade level:** 11-12**Prerequisite:** Metals 1**Course Fee:** \$35

**Description:** This high school Metal Fabrication course is designed for juniors and seniors who are interested in developing practical skills in metalworking and fabrication techniques. Students will engage in hands-on learning experiences, focusing on safety, precision, and creativity in the metal fabrication process. The course will cover essential topics such as welding, cutting, and shaping metal, along with the use of various machines and tools relevant to the industry. By the end of the course, students will have a strong foundation in metal fabrication, preparing them for potential careers in trades or advanced studies in engineering and design. Think of it as a class where if the student thinks of any idea we will make it.

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**SMALL ENGINES** (Course Number: 8200)**Credit:** 0.5**Grade Level:** 10-12**Prerequisite:** None**Course Fee:** \$20.00

\*Limited to 16 students\*

**Description:** Students will be provided with the knowledge and skills needed to understand internal combustion engines and energy transfer. Course includes disassembly and assembly of a small engine.

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**WELDING** (Course Number: 8151)**Credit:** 0.5**Grade Level:** 10-12**Prerequisite:** Metals I**Course Fee:** \$30 min

\*Limited to 12 students\*

**Description:** This class is for the student who is interested in gaining experience with hot and cold metals. Sheet metal, mig & arc welding, and basic machine tools are used.  
This course may be taken as a CVTC credit.

**WOODS I** (Course Number: 8252)Credit: 0.5Grade Level: 9-12Prerequisite: NoneCourse Fee: \$15.00

Description: Either this **or** METALS I is a prerequisite for **ALL** Tech Ed courses. Areas of study include blueprint reading, manufacturing, and construction. You will utilize problem solving using the tools/skills from class to solve critical thinking problems. We may also use the FabLab machines in some of these projects as time/resources permit.

Projects: Wooden signs, cribbage boards, boxes etc.

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**WOODS II** (Course Number: 8256)Credit: 0.5Grade Level: 10-12Prerequisite: Woods ICourse Fee: \$30 min

Description: This class will provide students with a basic knowledge of wood species, planning, estimating, and building of wood projects, as well as using machines and tools safely and appropriately.

Projects: May include: Shaker end table, wooden crate, shaker shelf, wood bowls

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**WOODS III** (Course Number: 8257)Credit: 0.5Grade Level: 11-12Prerequisite: Woods I and Woods IICourse Fee: \$50 min

Description: This class includes techniques in cabinetmaking. Students will be required to complete multiple projects for skill development. They will also be asked to complete one or more independent projects not covered by the lab fee.

Projects: cabinets, book shelf, night stand

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# **Post Secondary Credit Options**

## **Early College Credit Program:**

[ECCP Homepage](#)

[ECCP BASICS](#)

[ECCP Application Process](#)

## **Start College Now Program**

[Start College Now Home Page](#)

[CVTC Start College Now Page](#)

## **Student Assistantships**

Elk Mound High School allows students in 11th and 12th grade who have completed required and elective coursework to use their time in a constructive way that benefits both the teachers and students in our building. Students at these grade levels have the opportunity to serve as student assistants within an academic department (and in approved cases an individual teacher) based upon the following conditions:

**1. ALL STUDENT ASSISTANT REQUESTS MUST BE APPROVED BY THE HIGH SCHOOL PRINCIPAL BEFORE A STUDENT WILL BE ALLOWED TO WORK WITH A TEACHER.**

**2. The request must come from the teacher.**

(Teachers seek out and request students for assistants. Students are not allowed to seek out assistantships on their own.)

**3. Student Assistants are not to be confused with Peer Tutors.**

(The peer tutoring program is administered by Ms. Kallio in the SCORE room. Starting with the graduating class of 2027 this will be credit/no-credit only).

**4. Staff who request student assistants must advise them that their grade is a credit/no credit grade.** (Credit may be earned for completing an assistantship, but no grade points will be applied to a student's overall GPA/Class rank.)

**5. Approval of a 1-to-1 assistant/teacher ratio is very rare**

(Staff who would like an assistant are strongly recommended to work in conjunction with another staff member to share an assistant.)

**6. Staff are expected to have plenty of work for a student to do for the quarter.**

(Plenty of work means enough to satisfy giving the student .5 credit per full Block, .25 per Skinny.)

**Course Description Handbook Acknowledgement Form**  
**Elk Mound High School**  
**2025-2026 Academic Year**

I, \_\_\_\_\_, acknowledge receiving a copy of the 2025-2026 Elk Mound High School Course Description Handbook. I understand that it is my responsibility to take this handbook home to share with my parents/guardians. The handbook should be saved at home throughout the school year for reference.

Student's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

I acknowledge that the student above has shared the course description handbook with me, and that I have discussed scheduling for the 2025-2026 school year with him/her.

Parent's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

*This form must be signed by both student and parent and submitted prior to any course requests being accepted for the 2025-2026 academic year.*



## Four-Year Planning Materials

Use the following pages to plan out your high school career. Your required courses have been filled in for you. To save time, write down the course name and number while you plan so you're ready for registration.

### Four Years At a Glance

#### **Freshman Year Requirements:**

<u>COURSE</u>	<u>CREDITS</u>
Math	2.0 (1.0 Credit for Intro to Algebra and Advanced Algebra I)
English 9	1.0
History 9	0.5
General Science	1.0
Earth Science	0.5
Health I	0.5
<u>Electives</u>	<u>2.5</u> (3.5 Elective credits if enrolled in a 1.0 credit Math Course)
TOTAL	8.0

#### **Sophomore Year Requirements:**

<u>COURSE</u>	<u>CREDITS</u>
Math	2 (1.0 Credit for Intro to Algebra or Geometry Essentials)
English 10	1.0
History 10	1.0
Biology	1.0
<u>Electives</u>	<u>3.0</u> (4.0 Elective credits if enrolled in a 1.0 credit Math Course)
TOTAL	8.0

#### **Junior Year Requirements:**

<u>COURSE</u>	<u>CREDITS</u>
American Literature	1.0
Government	1.0
Financial Literacy	0.5
Health II	0.5
<u>Electives</u>	<u>5.0</u>
TOTAL	8.0

#### **Senior Year Requirements:**

<u>COURSE</u>	<u>CREDITS</u>
English Electives	1.0
<u>Electives</u>	<u>7.0</u>
TOTAL	8.0

**\*Students need to ensure that they meet all of the graduation requirements that are outlined on Page 6 of this document\***

## **Elk Mound High School - Freshman Scheduling**

Each student will register for a total of 8 credits. As a freshman, 5.5 of those credits are required courses that are already filled in for you. This means that you have **2.5 credits of electives** that you can choose from. You will need to pick 2 credits of electives as well as **4 alternative classes** that interest you in the event that you don't get into your elective choices.

<b>Course</b>	<b>Course Number</b>	<b>Credits</b>
Math(Intro to Algebra or Advanced Algebra I)	-----	2.0(1.0)
General Science	-----	1.0
Earth Science	-----	1.0
English 9	-----	0.5
History 9	-----	0.5
Health I	-----	0.5
	<b>Total:</b>	<b>8</b>

<b>Alternate Course (Pick at least 4 classes)</b>	<b>Course Number</b>	<b>Credits</b>

## **Elk Mound High School - Sophomore Scheduling**

Each student will register for a total of 8 credits. As a sophomore, 5 of those credits are required courses that are already filled in for you. This means that you have **3 credits of electives** that you can choose from. You will need to pick 3 credits of electives as well as **4 alternative classes** that interest you in the event you don't get into your elective choices.

<b>Course</b>	<b>Course Number</b>	<b>Credits</b>
English 10	-----	1
Math	-----	2
Biology	-----	1
History 10	-----	1
	<b>Total:</b>	<b>8</b>

<b>Alternate Course (Pick at least 4 classes)</b>	<b>Course Number</b>	<b>Credits</b>

## **Elk Mound High School - Junior Scheduling**

Each student will register for a total of 8 credits. As a Junior, 3 credits are required so you will need to select **5 credits of electives**. If there are classes that you should have taken as a Freshman or Sophomore or required classes that you failed those years you need to make sure those are included in your elective choices. You also need to select **4 alternate courses** in the event you don't get into your first choices.

<b>Course</b>	<b>Course Number</b>	<b>Credits</b>
Financial Literacy	-----	0.5
Health II	-----	0.5
Government	-----	1.0
ACT Prep(Delete if you don't want to take ACT Prep)	10200 & 10100	0.5
American Literature		1.0
	<b>Total:</b>	<b>8</b>

<b>Alternate Course (Pick at least 4 classes)</b>	<b>Course Number</b>	<b>Credits</b>

## **Elk Mound High School - Senior Scheduling**

Each student will register for a total of 8 credits. As a Senior, you will need to select **8 credits of electives**. If there are classes that you should have taken as a Freshman, Sophomore or Junior or required classes that you failed those years you need to make sure those are included in your elective choices. Use your Graduation Credit Check to make sure you select classes that will fulfill ALL graduation requirements. You also need to select **4 alternate courses** in the event you don't get into your first choices.

Course	Course Number	Credits
	<b>Total:</b>	<b>8</b>

Alternate Course (Pick at least 4 classes)	Course Number	Credits

**\*If you are planning on taking a college or off-campus course, fill in your schedule with courses at EMHS first and work with Mr. Goodrich to substitute other courses at a later date**