



East Grand Forks Senior High School  
1420 4<sup>th</sup> Ave. NW  
East Grand Forks, MN 56721

## **Registration Course Descriptions**

2022-2023

*Home of the*  
***Green***  ***Wave***

## High School Administration

Brian Loer, principal  
Bruce Nelson, Assistant Principal  
Stephanie Larson, Counselor  
Erin Terpestra, Counselor  
Scott Koberinski, Activities Director



## Senior High School

Independent School District No. 595  
1420 4th Ave NW  
East Grand Forks, Minnesota 56721  
218.773.2405  
[www.egf.k12.mn.us](http://www.egf.k12.mn.us)

### Parents, Guardians, and Students:




Thank you for taking the time to look through our registration guide. We are excited to provide our students with excellent learning possibilities across 3 outstanding departments. Our College in the High School classes offered in English, science, and math allow students the opportunity to accumulate up to 30 college credits by the time they graduate making East Grand Forks Senior High School second to none in the area.

The mission of East Grand Forks Public Schools is to empower all students to become responsible, lifelong learners. I truly believe our school does that. We are always striving to provide our students with a wide variety of academic classes, as well as providing students with many extra-curricular or co-curricular activities in arts and athletics. Finding your niche in our school is not difficult at all!!!

While looking through this guide, if you have any questions or need any assistance, please feel free to stop by or call.

Brian Loer  
East Grand Forks Senior High Principal

# Table of Contents

<b>Graduation Requirements for Class of 2024 and 2025</b>	<b>4</b>
<b>Health &amp; Human Services Academy</b>	<b>7</b>
<b>Business, Entrepreneurship, &amp; Communications Academy</b>	<b>9</b>
<b>STEAM Academy</b>	<b>10</b>
<b>Wave Academy Color Codes</b>	<b>12</b>
 <b>Global Education Classes:</b>	<b>12</b>
<b>Course Offerings</b>	<b>13</b>
Freshman Seminar	13
<b>Art Education: Visual Arts</b>	<b>13</b>
 Video for Visual Arts Classes	13
<b>ART EDUCATION: MUSIC</b>	<b>19</b>
<b>Career and Technical Education:</b>	<b>23</b>
Business	23
Family And Consumer Sciences (FACS)	26
Industrial Technology	29
STEM Electives/PLTW Courses	31
<b>ENGLISH</b>	<b>35</b>
<b>MATHEMATICS</b>	<b>40</b>
<b>ACT Prep Course</b>	<b>43</b>
<b>E.L.L. English Language Learners</b>	<b>43</b>
<b>Volunteer/Mentoring Opportunities &amp; Programs</b>	<b>43</b>
<b>Non-academic options</b>	<b>45</b>
<b>PHYSICAL EDUCATION AND WELLNESS</b>	<b>46</b>
Health	49
<b>SCIENCE</b>	<b>50</b>
<b>SOCIAL SCIENCE</b>	<b>54</b>
<b>WORLD LANGUAGES</b>	<b>57</b>
 Video for German Classes	58
German 1A & 1B	58
Spanish IA & IB	59
<b>College in the High School (CIHS)</b>	<b>61</b>
<b>College Enrollment Eligibility Requirements</b>	<b>62</b>
<b>9-12 Registration Worksheets</b>	<b>63</b>

**Graduation Requirements for Class of 2025 and beyond**

<b>English*</b>	<b>4 credits</b>
<b>Social Studies</b>	<b>4 credits</b>
<b>Science</b>	<b>3 credits</b>
<b>Math</b>	<b>3 credits</b>
<b>Art</b>	<b>1 credit</b>
<b>Physical Education and Health</b>	<b>1.5 credits</b>
<b>Personal or Family Finance</b>	<b>.5 credit</b>
<b>Electives</b>	<b>7 credits</b>
<b>Wave Academy requirements</b>	<b>4 credits</b>
	<b>Total: 28</b>

**Graduation Requirements for Class of 2024**

<b>English*</b>	<b>4 credits</b>
<b>Social Studies</b>	<b>4 credits</b>
<b>Science</b>	<b>3 credits</b>
<b>Math</b>	<b>3 credits</b>
<b>Art</b>	<b>1 credit</b>
<b>Physical Education and Health</b>	<b>1.5 credits</b>
<b>Personal or Family Finance</b>	<b>.5 credit</b>
<b>Electives</b>	<b>6 credits</b>
<b>Wave Academy requirements</b>	<b>4 credits</b>
	<b>Total: 27</b>

**Graduation Requirements for Class of 2023**

<b>English*</b>	<b>4 credits</b>
<b>Social Studies</b>	<b>4 credits</b>
<b>Science</b>	<b>3 credits</b>
<b>Math</b>	<b>3 credits</b>
<b>Art</b>	<b>1 credit</b>
<b>Physical Education and Health</b>	<b>1.5 credits</b>
<b>Personal or Family Finance</b>	<b>.5 credit</b>
<b>Electives</b>	<b>9 credits</b>
	<b>Total: 26</b>

\*8 semesters of English

## High School Planning Information

This booklet will help guide students and parents to choose classes and a potential career pathway. Please let us know if you have any questions.

### High School Counseling Office

Stephanie Larson- 9th and 10th Grades  
Erin Terpstra- 11th and 12th Grades

218.773.2405  
Slarson@egf.k12.mn.us  
[Eterpstra@egf.k12.mn.us](mailto:Eterpstra@egf.k12.mn.us)

### GRADE CLASSIFICATIONS:

Cumulative credits earned each school year determine grade classification for the next school year.

9th Grade	0-6.5 credits
10th Grade	7-13 credits
11th Grade	13.5-19.5 credits
12th Grade	20+ credits

\*We require our students to maintain full-time status. MN State HS League bylaws state that in order to maintain eligibility, a student must be fully enrolled and making satisfactory progress toward graduation. All 9th-11th grade students must register for 4.0 credits each semester (3.5 for a semester if a study hall is taken). Seniors in good standing for graduation are required to register for at least 3.5 credits fall semester. and 3.0 in the spring semester. A senior student is full-time when they are enrolled in 3 high school credits, which would be the equivalent of 12 college credits (4 college credits=1 HS credit, 3 college credits= .75 HS credits, 2 college= .5 HS, 1 college = .25 HS). If a student drops a college course after the 14th day of the semester, they will receive an F on their HS transcript per our Minnesota PSEO agreement.

### Schedule Corrections

We strongly recommend students choose their classes carefully at the time of registration. Class schedules will **NOT** be changed unless:

1. You are missing a core class.
2. You have an empty period.
3. You are scheduled for an incorrect level of a course.
4. You have not satisfied a prerequisite for a course.
5. You failed a course and you need to retake it.
6. You are physically unable to participate (a doctor's note is required).

### Senior Registration Requirements

#### Early Release/Late Start Special Arrangement

Seniors may take up to 1 early release of the first semester and up to one early release of the second semester provided the senior is in good standing and have earned 20 credits by the first semester of their senior year and 23 credits by the start of the second semester. Early release is only for seniors in good standing and is considered a privilege.

#### The Senior must have a cumulative GPA of 2.0 or higher to be eligible for early release.

Senior provided he/she has 7 academic classes (or 3.5 credits) the first semester and 7 academic classes (or 3.0 credits) the second semester. (Teacher aide, library aide, and study halls can be taken in place of the early release time.)

### NCAA

Students interested in playing collegiate sports, specifically Division I or Division II must follow the NCAA eligibility requirements. Eligibility information can be found at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) and more general information can be found at [www.ncaa.org](http://www.ncaa.org). Please see a school counselor if you have more questions.

### Post-Secondary Enrollment Options (PSEO)

Please refer to the end of the registration guide to find required information for PSEO.

## **WAVE Academy**

### **Why just plan to graduate when you can graduate with a plan!!**

The class of 2024 will be the first class choosing a Career Academy! We are excited to introduce that EGF Senior High will have 4 Academies for students to participate in: Freshman Academy, Health and Human Services (HHS), Science, Technology, Engineering, Art and Math (STEAM); and Business, Entrepreneurship, and Communications (BEC).

As students enter their freshman year, they take a Freshman Seminar Class. This class assists students in making a smooth transition between middle school and high school. It bridges the gap between school and the connection to the world of work that is waiting for you after graduation! This class teaches essential life skills, time management, organizational skills, communication, career and college choices, soft-skills, learning about themselves, and more!

As a sophomore, students will take an Introduction class into their preferred academy and an elective connected with this academy. Industry tours and a career expo are a part of this year.

When a junior, students will focus on their career pathway, required classes for graduation, and a job shadow experience.

Finally, as a senior, students will be placed in a short-term apprenticeship, internship, or capstone project. It is anticipated that students will earn industry-recognized certifications, college credits, and greater exposure to the career opportunities in our community and in the greater region.

With our new model, we hope that students will gain understanding in choosing intentional classes for their interests and skills and finding a career path that they enjoy and find success in.

\*\*Any industry and business interested in partnering with EGF Senior High can talk to Stephanie Larson, Career Academy Coordinator.





## Health & Human Services Academy



### Health and Human Services Academy Seminar

<b>R</b>	Meets Requirement: Required ELECTIVE
Grades: 10	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester, Fall	

This is a combined class of Intro to Health Professions and Intro to Human Services. Each class will be a quarter long with students learning about each pathway and completing activities related to potential careers. Students will be scheduled into both classes automatically on their schedule.

Careers and College Majors for Health and Human Services	9th Grade	10th Grade	11th Grade	12th Grade
Doctor Nursing-LPN, RN Child Dentist Dental Hygienist Dental Assistant Physical Therapist, Assistant Occupational Therapist, Assistant Athletic Trainer Medical Assistant Surgical Technologist Medical Lab Technician Forensic Scientist Dietician Nutritionist EMT Paramedic Veterinarian Veterinary Technology, Assistant Mortuary Science Psychologist Social Worker	Freshman Seminar*  9th Grade PE*  Foreign Language  Intro to Studio Arts*  Studio Art 1	Intro to Human and Health Services Academy Seminar*  Child & Human Development  Early Childhood and Education  Biology*  Beginning Weight Training  Core and Cardio  Foreign Language  Handmade Crafts	Child Development  Child Development 2  Chemistry*  Psychology  Advanced Weight Training  Core and Cardio  Foreign Language  Human Relations  Sports Science  Housing and Interior Desi	Child Development  Child Development 2  Physics  Psychology  Core and Cardio  Foreign Language  Communications  Philosophy and Ethics  Family Finance*  Law and Justice

Counselor Human Resources Childcare Teaching Chef/Culinary Skills Family Therapist Real Estate Agent Event Manager Hospitality and Tourism Gerontology Education Coaching Fitness instruction Sports development Physical therapy Sports medicine Dietician Sports entertainment Life coach Respiratory therapist Nutrition Corporate health / fitness Sports sales		Ceramics		Human Anatomy 1 and 2
---	--	----------	--	--------------------------

**\*Required class**





## Business, Entrepreneurship, & Communications Academy



### Business, Entrepreneurship and Communications Academy Seminar (BEC)

<b>R</b>	Meets Requirement: Required ELECTIVE
Grades: 10	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester, Fall	

Careers and College Majors	9th	10th	11th	12th
Accountants Auditors Finance Managers Bank Examiners Bank & Finance Loan Officers Software Developer Web Developer Administrative Support Human Resources Insurance Underwriters Market Research Analysts Advertising Small Business Purchasing Managers, Buyers & Agents Tax Examiners & Collectors Revenue Agents Training & Development Specialists Meeting, Convention & Event Planners	Freshman Seminar*	BEC Academy Seminar  Introduction to Business  Foreign Language	Accounting 1  Computer Applications  Marketing 1  Personal Finance*  Graphic Productions  Psychology  Global Studies  Law & Justice  Foreign Language  Foreign Language  Human Relations  Human Relations  Communications	Accounting 2  Marketing 2  Advanced Excel  Personal Finance*  Psychology  Global Studies  Law & Justice  Foreign Language  Human Relations  Communications

\*Required class



## STEAM Academy

### Science, Technology, Engineering, Arts, & Math

#### STEAM Academy

<b>R</b>	Meets Requirement: Required ELECTIVE
Grades: 10	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester, Fall	



Careers and College Majors	9th	10th	11th	12th
Illustrator	Freshman Seminar*	Intro to Studio Arts*	College Algebra/PreCalculus	Cabinetmaking Technology
Floral Designer	Intro to Studio Arts*	Ceramics	Communications	Communications
Printmaker				
Fashion Designer	Studio Arts 1*	Advanced Ceramics	Welding	Advanced Welding
Interior Designer				
Photography	Designing Our World	Drawing and Painting	Woodworking 1	Woodworking 2
Set Design				
Video/Film Editor	Mural Painting	Sculpture	Small Engines	Small Engines 2
Game Design				
Advertising	Designing Our World	Inventions and Innovations	Advanced Welding	Graphic Productions
Graphic Design				
Animation	Residential Architecture	Residential Architecture	Woodworking 2	Residential Architecture
Architecture				
Landscape Design	Commercial Architecture	Commercial Architecture	Small Engines 2	Commercial Architecture
Software Developer				
Web Developer	Energy and Power	Energy and Power	Introduction to Building Trades	Energy and Power
Photography				
Graphic Design	Automate Your World	Automate Your World	Graphic Productions	Energy and Power
Digital Publishing				
Video Production	Intro to Business	Intro to Business	Residential Architecture	Automate Your World
Computer Animation				
Computer and Information Research	Welding	Welding	Commercial Architecture	Automate Your World
Computer Networks				
Architect	Let's Take Flight	Let's Take Flight	Commercial Architecture	Let's Take Flight
Computer Programmer				
Computer Support Specialist	Mission to Mars	Mission to Mars	Energy and Power	Mission to Mars
Database Administrator				
Information Security Analysis	Advanced Ceramics	Advanced Ceramics	Let's Take Flight	Advanced Ceramics
	Wheel Ceramics	Wheel Ceramics	Let's Take Flight	Wheel Ceramics

Network and Computer Systems Mechanical Engineer Aerospace Engineer Drones Machinist Parts manager Fabricator Cabinet maker Engine technician Welder Diesel technician Cabinet installer Mechanical drafter Welding inspector Finish carpenter Technical drafter Architect Plumber 3D prototyper Civil engineer Electrician Sheet metal fabricator Electrical engineer Carpenter Industrial technology teacher Automotive technician Concrete finisher Agriculture teacher		Woodworking 1 Small Engines	Mission to Mars Personal Finance* Accounting Advanced Ceramics Wheel Ceramics Drawing and Painting Mural Painting Sculpture Ind. Study Art Housing and Interior Design	Drawing and Painting Mural Painting Sculpture Ind. Study Art Advanced Art Girls Shop Textiles and Fashion
---	--	--------------------------------	--	--

\*Required class

## Wave Academy Color Codes

The Academies in our Wave Academy are designated in the Registration guide as the following:

Health and Human Services.....	<b>HHS</b>
Science, Technology, Engineering, Art and Mathematics.....	<b>STEAM</b>
Business, Entrepreneurship, and Communications.....	<b>BEC</b>
 Global.....	<b>Global</b>
Required classes.....	<b>R</b> 

### **Global Education Classes:**

EGF Senior High wants our graduates to be “well rounded” in their education. These Global Classes help students gain a well rounded education which we hope will serve you throughout your life after graduation.

These classes are also a great opportunity for you to try out different things to see if you like them. Some people may decide to choose a different career path after taking a great Global education class. Take a wide variety of courses so that you can experience as many possible fields of study as you can.

# Course Offerings

## Freshman Seminar

<b>R</b>	Meets Requirement: Required ELECTIVE
Grades: 9	Credits: 1.0
Prerequisite: None	
Frequency: 2 Semesters	

## Art Education: Visual Arts

Code	Title	Credit	Pre-Req.	Grade(s)
STUDIO	Introduction to Studio Art	.5	None	9 -12
ART1	Art I	.5	Intro to Studio Art	(*9) 10-12
DRAW	Drawing and Painting (may be repeated)	.5	Studio Art I	10-12
INDART	Independent Study Art (may be repeated)	.5	Drawing & Painting/Instructor's Approval	11-12
GRAPHIC	Graphic Design	.5	Studio Art 1	10-12
MURAL	Mural Painting (2022-2023)	.5	Art I	10-12
MOBILE	Beyond the Selfie	.5	Art I	10-12
AMOBILE	Advanced Mobile Photo (2022-2023)	.5	Mobile Photo	11-12
CRAFT	Handmade Crafts	.5	Intro to Studio Art	10-12
SCULP	Sculpture	.5	Intro to Studio Art	10-12
ARTHIST	Making History with Paint	.5	Intro to Studio Art	10-12
CERAM	Ceramics I	.5	Intro to Studio Art	10-12
CERAM2	Ceramics II (may be repeated)	.5	Ceramics I	11-12
WHEEL	Wheel Thrown Ceramics (may be repeated)	.5	Ceramics II	11-12
STORE	Green Wave School Store	1.0	None	10-12

## Video for Visual Arts Classes



## Visual Arts Courses/2-D Design:

### Intro to Studio Arts:

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART or Intro to Art Academy Seminar
Grades: 9, 10, 11, 12		Credits: 0.5

Prerequisite: None
Frequency: 1 semester, Fall and Spring

ANYONE CAN DRAW: If you think you can't draw, this course will teach you step by step how to draw. Students will play with a variety of media like colored pencils, watercolors, and acrylic painting. Intro to Studio Art also incorporates studies in art criticism (understanding art), art history (art in culture and the study of past art movements), as well as aesthetics (influences of good design). (limit to 20 students maximum) This is the prerequisite course for all of our visual art courses. **\$10 Studio Fee** will purchase a sketchbook and drawing supplies.

### Art I

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 9, 10, 11, 12	Credits: 0.5	
Prerequisite: Intro to Studio Arts		
Frequency: Offered Both Semesters		

Following Anyone Can Draw, students will continue to play with graphite, colored pencil, watercolor, acrylic paint, and possibly other mediums as they push all those drawing skills further as they follow the design process and develop their Creative Problem-Solving Skills. Studio Art 1 also incorporates studies in art criticism (understanding art), art history (art in culture and the study of past art movements), as well as aesthetics (influences of good design). (limit to 20 students maximum) **\$10 Studio Fee** Applies

### Drawing and Painting Studio

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART and STEAM elective requirement
Grades: 10, 11, 12	Credits: 0.5	
Prerequisite: Studio Art I, *This course may be repeated multiple times		
Frequency: Offered Both Semesters		

This course builds upon the skills learned in Studio Art I students will have fun as they begin pushing their Creative Problem-solving skills as they develop their own style. ***This class can be taken multiple times as it replaces Art 2-5.*** (Limit to 20 students maximum) **\$10 Studio Fee** Applies

### Mural Painting

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12	Credits: 0.5	
Prerequisite: Art 1 *This course may be repeated		
Frequency: 1 Semester; Offered Odd Graduation Year		

We will be creating School Sports & Activities related Murals in the School Halls in 2022. A Mural is a Large Scale artwork that will be painted directly on a wall or a panel. The Mural will be displayed inside or outside as part of a school or a community service public art effort. They learn the history of murals, basic acrylic painting techniques, and visual art concepts such as working to scale, perspective, color theory, and composition. Themes can either relate to a communitywide theme or idea or be entirely student-generated. (Limit to 10 students maximum) **\$10 Studio Fee** Applies

### Mobile Photography-Beyond the Selfie (iPhone & Android)

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Studio Art I		
Frequency: 2nd Semester; Every year		

Beyond the Selfie: photography lessons using the students' phone, editing tools, and apps. By teaching the fundamentals of composition, light, and color, students will better understand why a photograph is good and what makes a photo memorable. Looking at and critiquing artworks inspired by the challenge and created by peers will make it easier for them to dissect the choices the artist made and how those choices impact the final photograph.

**May Be taken more than once with Instructor Approval** (Limit to 10 students maximum) **\$10 Studio Fee** Applies

### Advanced Mobile Photography (iPhone & Android)

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Mobile Photography, *This course may be repeated		
Frequency: Odd Graduation Year		

Using the skills from Beyond the Selfie: Mobile Photography class, students will begin to develop their own Creative Style. (Limit to 10 students maximum) **\$10 Studio Fee** Applies

### Independent Study Art

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 11, 12		Credits: 0.5
Prerequisite: Drawing and Painting and <b>Instructor's Approval</b> *This course may be repeated with instructor approval		
Frequency: 1 Semester, Fall and Spring		

For upper level art students who want to focus on their own style of Art. The student will create a plan with the art instructor about what will be completed and due dates for the semester. This course provides an INDEPENDENT study of studio art and will be worked out as a contracted class. *(This course will be during Drawing and Painting Class)* **\$10 Studio Fee** Applies

### Graphic Design

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Studio Art 1		
Frequency: 2nd Semester, Every year		

This course will explore how design is used in modern communication. We will study various areas of design including product, corporate, logo, album art, t-shirt, poster, and a variety of other design-related projects. Students will learn design rules, design trends, and how to critique good and bad design. This class will show students what the design industry is like and how a career in the design field might suit them. Students will learn how to use Photoshop. (Limit to 10 students maximum) **\$10 Studio Fee** Applies

### Making Art History

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: Intro to Studio Arts		
Frequency: 1 Semester-Fall		

This course will ask students to examine social, political, and historical events in the world and how visual images express the ideas of individuals and society. Students are involved in the creative process through research and lecture, responding and dialogue, observation, and interpretation with artworks and artifacts. Students will also create their own work focused around historical and current events that take a side and express an opinion. This class will primarily be taught through the completion of “hands-on” in-class projects, but will also require reflective writing and verbal participation in class. **\$10 Studio Fee** Applies

### EGF Wave Shop I

<b>STEAM</b>	<b>BEC</b>	Meets Requirement: Global Elective, and Academy Elective
Grades: 10, 11, 12		Credits: 1.0
Prerequisite: Co-requisite with Business, and Graphic Production		
Frequency: 1 YEAR (both semesters)		

Students will begin utilizing the design process through the use of principles and elements of graphic design with our Art instructor (Ms. Genett) during one-third of the School Store class. Students will spend another third of the year learning how to make their artwork come to life and produce products with our Technology teacher (Mr. Sanger). Students will learn how to manage the business aspect of maintaining inventory, scheduling workers, managing income and finances associated with the store, etc. with our Business Ed. Teacher (Mr. Rood) during a third portion of the course. Students will also be able to utilize the machine in welding, metals, woods, and other Tech courses.

### Ceramics/3-D design:

#### Handmade Crafts

<b>STEAM</b>	<b>Global</b>	<b>HHS</b>	Meets Requirement: ART and Academy elective
Grades: 9, 10, 11, 12			Credits: 0.5
Prerequisite: Intro to Studio Arts			
Frequency: 1 Semester, Fall			



Students will explore types of folk art and the materials and ways in which objects have been created for the practical, religious, spiritual, and cultural needs of people around the world. This course will explore a wide range of crafts; some possibilities include calligraphy, decorative painting, mask-making, beading, mosaic tiles, and so on. This course will also explore aesthetic issues surrounding folk art and artists and engage in critiques of this authentic art form. This class will primarily be taught through the completion of “hands-on” in-class projects, but will also require some reflective writing and verbal participation in class. **\$10 Studio Fee** Applies

### Sculpture/3-D Design

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: Intro to Studio Arts		
Frequency: 1 Semester-Fall		

This class will promote creative expression through three-dimensional art projects using a variety of materials. This course will explore representational and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques. This Sculpture course will require the student to create representational and abstract sculptures while incorporating elements of art and principles of design. The class will also study historical and contemporary sculpture and sculptors from a worldwide perspective. This class will primarily be taught through the completion of “hands-on” in-class projects, but will also require some reflective writing and verbal participation in class. **\$10 Studio Fee** Applies

### Ceramics

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Intro to Studio Arts		
Frequency: 1 Semester, Spring Semester ONLY		

This is a course that builds on the foundation established in Art I. Students are directed and encouraged to build and master their skills in the different processes of hand-building clay. In Ceramics II, students will translate these techniques into more advanced products, including surface texture, and sculpture. Ceramics also incorporates studies in art criticism, art history, as well as aesthetics. (limit to 20 students maximum) **\$10 Studio Fee** Applies

### Advanced Ceramics

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Ceramics I, *This may be repeated with instructor approval		
Frequency: 1 Semester, Spring Semester ONLY		

This course is designed to expand on the student’s individual creative expression and techniques in art production areas for those students in the study of Ceramic Arts. The students will be focusing on hand-building skills and working on the pottery wheel. As the course is repeated the students will translate these techniques into advanced wheelwork, and advanced sculptural work. Ceramics also incorporates studies in art criticism, art history, as well as aesthetic. (limit to 20 students maximum) **\$10 Studio Fee** Applies

### Wheel Thrown Ceramics

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Advanced Ceramics, Instructor approval required		
Frequency: 1 Semester, offered in Spring Semester ONLY		

This course is designed to expand on the student's individual creative expression and techniques in art production areas for those students in the study of Ceramic Arts. The students will be focusing on working on the pottery wheel. As the course is repeated the students will translate these techniques into advanced wheelwork, and advanced sculptural work. Ceramics also incorporates studies in art criticism, art history, as well as aesthetics.

(limit to 4 students maximum offered during Adv. Ceramics Class) **\$10 Studio Fee** Applies

## ART EDUCATION: MUSIC

Code	Title	Credit	Pre-Req.	Grade(s)
BACH	Bach to Rock	.5	None	10-12
BACH2	Bach to Rock 2	.5	Bach to Rock	10-12
BAND	Concert Band	1.0	Varsity Band	10-12
CHOIR	Concert Choir	1.0	None	10-12
MUSIC	Music Theory (Even GY)	.5	None	11-12
VB1	Varsity Band	1.0	None	9-12
VB1/2	Varsity Band (with Var Choir)	.5	None	9-12
VC1	Varsity Choir	1.0	None	9-12
VC1/2	Varsity Choir (with Var Band)	.5	None	9-12
GUITAR	Class Guitar	.5	None	9-12
PIANO	Class Piano	.5	None	9-12
AUDIO	Music Tech and Audio Prod.(Odd GY)	.5	None	11-12

### Bach to Rock

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: Fall Semester		

Ever wondered where music got its start?? This one-semester elective art class will take you from the beginning traveling through time to Rock and Roll as we know it today. Join us and follow the journey starting with the Gregorian Chant through Grunge Music! Lots of listening and discussion. Open minds a plus!

### Bach to Rock 2

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Bach to Rock		

Frequency: Spring Semester
----------------------------

### Concert Band

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 1.0
Prerequisite: Varsity Band or 2 years Band Experience		
Frequency: 2 Semesters (1 Full Year)		

Concert Band is an elective that meets daily. Participation earns the student one (1) credit towards graduation each year. This fast-paced organization is designed for students who have the desire to perform music of a more demanding nature. Instrumental lessons go along with this course and are a requirement. Activities during the year include: Pep band, marching in the Potato Bowl parade, the Homecoming show, performances/road trips for special occasions, various concerts throughout the year and an unforgettable music trip every 3 years. Other activities individuals may participate in include: Musical pit, jazz band, drum line, and solo and ensemble contest.

### Concert Choir

<b>Global</b>	<b>STEAM</b>	Meets Requirement: ART
Grades: 10, 11, 12		Credits: 1.0
Prerequisite:		
Frequency: 2 Semesters (1 Full Year)		

Concert Choir is a mixed choral music group that meets daily. Participation earns the student one (1) credit toward graduation each year. This group promotes the highest standard of excellence in the preparation and performance of choral music. Students are taught the fundamentals of proper voice production and choral singing techniques, while singing a varied repertoire of music.

This class provides growth opportunities for its singers through voice lessons and performance. Voice lessons are offered and a requirement of the class. Performances are scheduled throughout the year. Activities during the year include music contests, festivals, public concerts, a concert tour (every 3rd year), and performing for special occasions. Ensembles are selected from the Concert Choir. Choir prepares students for a lifetime of activity and appreciation of music. This is a yearlong course; dropping it will result in a failing grade.

**Note:** Students who wish to be a member of this choir and were not members of the choral program last year need to audition or get permission to register from Mr. Hanson.

### Music Theory

<b>Global</b>	<b>STEAM</b>	Meets Requirement: ART
Grades: 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester-Spring-Offered in Odd Graduation Year		

This course deals with the fundamentals of music theory (notation, key signatures, scales, rhythms, etc.), ear training and sight singing. Students will have a working knowledge of the basics of elementary

harmony and arranging, composition writing and score analysis. Students will attain a level of expertise comparable to introductory post-secondary music theory classes.

### Varsity Band (1 Credit Option)

	<b>Global</b>	Meets Requirement: ART
Grades: 9, 10, 11, 12		Credits: 1.0
Prerequisite:		
Frequency: 2 Semesters (1 Full Year)		

Varsity Band is an elective subject that meets daily for one period. Participation earns the student one credit toward graduation each year. Students must have some previous band experience to be in this class. Instrumental lessons go along with this course and are a requirement. Activities during the year may include: pep band, concerts, playing for special occasions and marching in the Potato Bowl parade. Individuals may also participate in solo and ensemble contests. Members of Varsity band may be selected for other ensembles including: jazz band and drumline.

### Varsity Band (½ Credit Option for Full Year)

	<b>Global</b>	Meets Requirement: ART
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: ½ Credit Option, alternating with Varsity Choir, 2 Semesters		

Varsity Band is an elective subject that meets every other day, for one period, alternating with Varsity Choir. See above description for more information.

### Varsity Choir (1 Credit Option)

	<b>Global</b>	Meets Requirement: ART
Grades: 9, 10, 11, 12		Credits: 1.0
Prerequisite:		
Frequency: 2 Semesters (1 Full Year)		

Varsity Choir is a mixed choral music group which meets daily. Participation earns the student one credit toward graduation each year. Students are taught fundamentals of proper voice production, choral singing techniques, and music theory. Students will concentrate on ensemble performance of quality literature from a varied repertoire of music. Voice lessons are offered and a requirement of the class. Activities during the year may include public concerts and may additionally include festivals or performing at special occasions. Members of Varsity Choir can be selected for some ensembles. This is a yearlong course; dropping it will result in a failing grade.

### Varsity Choir (½ Credit Option for Full Year)

	<b>Global</b>	Meets Requirement: ART
Grades: 9, 10, 11, 12		Credits: 0.5

Prerequisite:
Frequency: ½ Credit Option, alternating with Varsity Band, 2 Semesters

Varsity Choir is a mixed choral music group that meets every other day, alternating with Varsity Band. Participation earns the student one half credit toward graduation each year. Students are taught. See above for more information.

### Class Guitar

<b>Global</b>		Meets Requirement: ART
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: Offered Both Semesters		

Class Guitar is an elective music class for students with an interest in learning the basics of guitar playing. Students will learn the basics of strumming chords as well as fingerstyle playing, and will learn to read and perform music in both traditional notation and guitar tablature. Practice and performance will be a daily part of class, and home practice will be expected to build performance skills over the course of the semester. Guitar ensemble performance opportunities will be presented as they arise. If you have always wanted to learn to play the guitar but haven't acted upon your interest, this is the perfect way to start! Class enrollment is capped at 10 students, so sign up right away if you are interested. This course **may not** be repeated for additional elective credit. A participation fee may be collected to maintain school instruments and equipment.

### Class Piano

<b>Global</b>	<b>HHS</b>	Meets Requirement: ART
Grades: 9, 10, 11, 12		Credits: 0.5
Frequency: Offered Both Semesters		

Class Piano is an elective music class for students with an interest in learning the basics of piano playing. This course is designed for a student with no previous experience. Students will learn the basics of musical notation, playing posture, and technique, and will play piano music in various positions and keys. Practice and performance will be a daily part of class. Home practice will not be expected, so students do not need to have a piano or keyboard at home to enroll in this class! If you have always wanted to learn to play the piano but haven't acted upon your interest, this is the perfect way to start! Class enrollment is capped at 8 students, so sign up right away if you are interested. This course may not be repeated for additional elective credit. A participation fee may be collected to maintain school instruments and equipment.

### Music Technology and Audio Production

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ART
Grades: 11, 12		Credits: 0.5
Frequency: Spring Semester, Odd Graduation Year		

If you want to learn how to use digital tools to create, edit, and share your own compositions, this is the class for you! Over the course of the semester, we will explore and utilize music software such as GarageBand and Pro Tools to create original music, record and edit podcasts and commercial jingles,

and more. This is a class that will allow you to create and perform your own music even if you are not a confident vocalist, instrumentalist, or note reader! Class enrollment is capped at 8 students, so sign up right away if you are interested. This course may not be repeated for additional elective credit. A participation fee may be collected to maintain school instruments and equipment.

## Career and Technical Education: Business

Code	Title	Credit	Pre-Req.	Grade(s)
ACC1	Accounting	.5	None	10-12
ACCT2	Accounting 2	.5	Accounting 1	10-12
EXCEL	Advanced Excel	.5	Computer Applications	10-12
CAPP	Computer Applications	.5	None	9-12
DESKP1	Desktop Publishing (Yearbook)	1.0	Teacher approval	10-12
DESKP2	Desktop Publishing II (Yearbook)	1.0	DESKP1 & Tchr approval	10-12
IBUS	Intro to Business	.5	None	10-12
MKTG1	Marketing 1	.5	None	10-12
MKTG2	Marketing 2	.5	Marketing 1	10-12
PFIN	Personal Finance	.5	None	11-12
STORE	EGF Wave Shop	1.0	None, co-requisites	10-12

### Accounting

<b>BEC</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: S1, Even Grad Years		

Accounting I is a semester course in which the student learns the meaning of such business terms as assets, liabilities, capital, revenue, and expenses. The full accounting cycle for a proprietorship will be covered as business transactions are analyzed, journalized, and posted. Students will also create financial statements at the end of the accounting cycle.

### Advanced Excel

<b>BEC</b>	<b>STEAM</b>	Meets Requirement: ELECTIVE
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Computer Applications		
Frequency: Semester 2, offered Odd Grad Years		

The student will learn Microsoft Excel. They will be introduced to the basic, intermediate and advanced spreadsheet features using Microsoft Excel. The objectives are to teach the fundamentals of Excel, expose students to practical examples of the computer as a useful tool, acquaint students with the proper procedures to create worksheets, develop an exercise-oriented approach that allows learning by example, and encourage independent study.

### Computer Applications

<b>BEC</b>	<b>STEAM</b>	Meets Requirement: ELECTIVE
Grades: 9, 10, 11, 12		Credits: 0.5

Prerequisite: None
Frequency: Every semester, every year

This course is designed to introduce the student to various software applications for the computer. Students will develop a basic understanding of how to use the computer for word processing, spreadsheets, presentations, and graphics, both for personal and business use. This course is strongly recommended for all incoming students.

### Desktop Publishing/Yearbook

<b>BEC</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 10, 11, 12		Credits: 1.0
Prerequisite: Teacher Approval		
Frequency: Full year class, every year		

This course includes everything involved in designing, writing, and putting together the school yearbook and the Green Crest newspaper. It is helpful for students enrolling in this course to have basic computer and writing skills. Students will use online software to create the yearbook. Office productivity software such as Microsoft Word and Publisher will also be used to create specialty documents and to design layouts for publication. The student will develop workplace skills while using desktop publishing tools.

### Desktop Publishing II/Yearbook

<b>BEC</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 11, 12		Credits: 1.0
Prerequisite: Desktop Publishing I/Teacher Approval		

Students who have taken Desktop Publishing I and are interested in acting as a leader and/or editor for the school yearbook and newspaper may enroll in Desktop Publishing II. Their job will be to assist first-year students in the process of creating page layouts, using pictures in layouts, writing captions, and creating summaries for page and story assignments. Further, they will assist the advisor/instructor in using the specialized publication software for newspaper creation and play a vital role in the layout and design of the Green Crest.

### Introduction to Business

<b>BEC</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: Semester 2, every year		

This course is designed to introduce students to the many facets of American business. Areas covered include the free enterprise system, the American and other economic systems; starting up a business; the functional area of business including ownership, accounting, finance, marketing, management of human resources, organization, production and marketing; and career opportunities available within business. Further, this course covers business and economic terminology and the modern business environment. Retail and Management simulations are included in this class.

### Marketing I

<b>BEC</b>	<b>Global</b>	Meets Requirement: ELECTIVE
------------	---------------	-----------------------------

Grades: 10, 11, 12	Credits: 0.5
Prerequisite: None	
Frequency: Semester 1, Odd Grad Years	

This course is designed to prepare students for a career or further study of marketing. Marketing is the action or business of promoting and selling products or services, including market research and advertising. This class will also be in charge of the school store.

### Personal Finance

<b>R</b>	Meets Requirement: REQUIRED
Grades: 11, 12	Credits: 0.5
Prerequisite: None	
Frequency: Every semester, every year	

The student will learn money management and apply these to real-life situations such as earning, saving, investing, ownership, taxes, etc. Basic everyday personal financing topics like checking accounts, taxes, payroll, car ownership, insurances, budgeting, and credit use will be included.

### EGF Wave Shop 1

<b>BEC</b>	<b>STEAM</b>	Meets Requirement: ELECTIVE
Grades: 10, 11, 12	Credits: 1.0	
Prerequisite: None Co-Requisite: Business and Production		
Frequency: 1 YEAR (both semesters)		

Students will part of the class learning how to create designs, then make their artwork come to life and produce store products with our Technology teacher (Mr. Sanger). Students will learn how to manage the business aspect of maintaining inventory, scheduling workers, managing income and finances associated with the store, etc. with our Business Teacher (Mr. Rood) during a third portion of the course. Students will also be able to utilize the machine in welding, metals, woods, and other Tech courses.

### EGF Wave Shop 2

<b>BEC</b>	<b>STEAM</b>	Meets Requirement: ELECTIVE
Grades: 11, 12	Credits: 0.5	
Prerequisite: Green Wave Store 1		
Frequency: 1 Semester, can be repeated		

Students will work independently in the EGF Wave Shop. Specific tasks will need to be completed and communication with the teachers will be very important. This class is designed for students interested in management, retail, finance, accounting, mass production, logistics, sales and planning.

## Career and Technical Education: Family And Consumer Sciences (FACS)

Code	Title	Credit	Pre-Req.	Grade(s)
------	-------	--------	----------	----------



CHILD	Child and Human Development	.5	None	10-12
CHILD2	Early Childhood and Education	.5	None	10-12
CUL	Culinary Arts	.5	Food & Nutrition	10-12
FOOD	Food and Nutrition	.5	None	9-12
HOUSE	Housing and Interior Design Foundations	.5	None	10-12
LIFE	Family Finance	.5	None	11-12
TEXT	Textiles & Fashion	.5		9-12
HUMAN	Human Relations	.5	None	10-12

### Child and Human Development

<b>HHS</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: Semester 1, every year		

This class will further advance a students' knowledge and awareness in child development, child psychology, elementary education, nursing and any child related occupational area of study. This class focuses on the function of children in our society, considerations before pregnancy and lifestyle changes with children. It includes the signs of pregnancy, pre/postnatal care, intrauterine development, labor and the birthing process. Neonatal needs in the area of physical and emotional care are also discussed. This is a great class to help you identify the challenges and rewards of parenthood.

### Early Childhood and Education

<b>HHS</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: Semester 2, every year		

In this course students will study the physical, intellectual, social and emotional development of infants, toddlers and preschool children. Child Development theories, guidance and discipline are discussed as well as specialty units which include health and safety, childcare facilities, play, self-esteem, and child nutrition. There are many hands-on activities, videos, and guest speakers. This course includes field experience in working with children in school and preschool settings. Students interested in early childhood careers, education, nursing, or human service fields would benefit from this course. You do not need to have completed Child and Human Development to take this class.

### Culinary Arts

<b>HHS</b>	<b>Global</b>	Meets Requirement: Global Elective and HHS Elective
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Food and Nutrition		
Frequency: Semester 2, every year		

This course is designed to explore the flare of food. This advanced course is for students with a desire to learn about the food industry and improve their culinary skills. We will study the careers available in the hospitality industry, safety, sanitation, menu planning and cooking procedures. Intensive laboratory applications are a component of this course and the labs are based on the principles of cookery and methods of preparation.

### Food and Nutrition

<b>HHS</b>	<b>Global</b>	Meets Requirement: Global Elective and HHS elective
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: Every semester, every year		

This semester course is a practical hands-on course which will help students obtain knowledge in nutrition, food and its function in the body, fitness/body composition, weight management, and good nutrition for optimal lifetime health. Students will explore the benefits to developing well rounded exercise programs and how to feed your body for optimum performance in sport activities. We also discuss what to eat before, during and after fitness activities for good energy balance. Students cook a variety of nutritional foods each week as a part of this course. Students interested in dietetics, sports medicine, sports nutrition, health and physical education, or general fitness and wellbeing will benefit from this class.

### Housing and Interior Design Foundations

<b>BEC</b>	<b>Global</b>	Meets Requirement: Global Elective and BEC elective
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: Offered 2nd semester, Odd Graduation Year		

Explore the exciting world of homes and interiors as students gain skills in decoration and design. This course is designed to teach students the basic principles and elements of design. Students will explore all the facets of creating and decorating spaces. Units include the use of color, line, balance and rhythm used in interior design. Backgrounds such as floor, window, ceiling and wall treatments will be discussed. Architectural drawing and interpretation of blue prints will be taught. Knowledge and skills gained could apply to a career in fields such as real estate, commercial and residential design, home furnishings sales, architecture or interior design and home staging.

### Family Finance

	<b>R</b>	Meets Requirement: REQUIRED
Grades: 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: Every semester, every year		

This course is designed to help students build skills for managing their daily lives beyond high school. The curriculum includes the following units: Understanding your paycheck and budget, banking

fundamentals, saving and investing, credit and identity theft, insurance and terminology for leasing an apartment or purchasing a home. A student will never need to ask “Why do I need to know this?” This class offers survival skills for your future. This course meets the Personal Finance requirement.

### Textiles and Fashion

<b>HHS</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 9, 10, 11, 12	Credits: 0.5	
Prerequisite: This course may be repeated with instructor approval		
Frequency: Spring Semester Only; Offered Even Graduation Years		

This semester course includes all the aspects of the fashion scene. Students will learn to select, buy and care for clothes; explore careers in fashion merchandising, the textile industry and apparel production; The students will also sew a log cabin quilt. This class provides a chance to pursue personal interests, skills, talents and creativity while developing an interest that is fun and relaxing. It also allows the student to practice soft skills such as time management, attention to detail, punctuality, resilience and perseverance.

### Human Relations

<b>HHS</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 10, 11, 12	Credits: 0.5	
Prerequisite:		
Frequency: 2nd Semester, Every year		

In this class you will learn more about yourself and your relationships with others. Many colleges and work places are requiring their workers and students to take a course in human relations. Those interested in the field of education, human services, social work, medical field and working with people will find this course beneficial. A few of the topics which will be covered include personality, self esteem, communication, stress management, strengthening personal and family relationships, conflict resolution and crisis management, and the art of balancing work and family life.

## Career and Technical Education: Industrial Technology

Code	Title	Credit	Pre-Req.	Grade(s)
AWELD	Advanced Welding/Metals	.5	Welding/Metal Technology/Instructor Approval	11-12
BUILD	Introduction to Building Trades	1.0	Woodworking 1 and Instructor Approval	11-12 Fall Sem.
GSHOP	Girls Shop	.5	None	9-12
SMENG	Small Engines	.5	None	9-12
SMENG2	Small Engines II	.5	Small Engines	11-12
WELD	Welding/Metal Technology	.5	None	9-12
WOOD	Woodworking I	.5	None	9-12
WOOD2	Woodworking II	.5	Woodworking 1	10-12

## Introduction to Building Trades

<b>STEAM</b>	<b>Global</b>	Meets Requirement:
Grades: 11, 12	Credits: 1.0	
Prerequisite: Woodworking I and Instructor Approval		
Frequency: Fall Semester, 2 Hour Block		

This course is designed to provide the student with basic construction work experience through classroom and hands-on instruction. Basic residential carpentry, basic roofing, window/door installation and related trades are studied and experienced through building a garden shed or similar structure. Emphasis on safety, care and use of hand and power tools, building materials, material applications and costs are some of the units included in this course. Students will have the opportunity to earn their Skills Certification for the Construction Industry.

**\$10 shop fee applies to this class**

## Girls' Shop

<b>STEAM</b>	<b>Global</b>	Meets Requirement: Pathway elective and Global Elective
Grades: 9, 10, 11, 12	Credits: 0.5	
Prerequisite:		
Frequency: 1 Semester, Spring semester		

This class is designed to Introduce Females to hands Technology activities. Students will learn the proper use of hand and power tools in the shop, how to wire an electrical outlet and switch, how to change a tire, use jumper cables, and floor and wall layout in the building trades.

## Small Engines

<b>STEAM</b>	<b>Global</b>	Meets Requirement: STEAM Elective and Global Elective
Grades: 9, 10, 11, 12	Credits: 0.5	
Prerequisite: None		
Frequency: 1 Semester, Fall		

In the one-semester Small engines course, the student will acquire the skills necessary to disassemble, assemble, and troubleshoot two-cycle and four-cycle small engines used on the farm, business, home, and for recreational purposes. Learning activities will include both classroom and laboratory experiences. After the safety and tool units and fundamentals of engines units, students will assemble and reassemble a school provided engine and then upon completion will be able to bring in an engine from home to do atune-up on or do an overhaul on. Any electronic device including cell phones will be placed in a school-provided storage unit before class starts and will be returned to the student at the end of class before dismissal. This class can only be repeated with teacher approval. **A \$10 shop fee applies to this class.**

## Small Engines II

<b>STEAM</b>	<b>Global</b>	Meets Requirement: Pathway Elective and Global Elective
Grades: 11, 12	Credits: 0.5	

Prerequisite: Small Engines I and Instructor Approval
Frequency: 1 Semester, Fall

Students will continue their study of small engines by disassembling and reassembling a twin-cylinder gas-powered engine. When the twin-cylinder engine is complete, students will be required to bring in power equipment that has a minimum of a 5hp gas engine on it to work on. Class size will be limited and preference will be given to students that have identified projects to work on during class. **A \$10 shop fee applies to this class.**

**Welding/Metal Technology**

<b>STEAM</b>	<b>Global</b>	Meets Requirement: Pathway Elective and Global Elective
Grades: 9, 10 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: 1 Semester, Spring		

Students will learn the basics of Arc Welding, Oxy-Acetylene Welding, Wire Feed Welding, and Tungsten Inert Gas welding and will learn to use power metal working tools and cut with oxy-acetylene and Plasma Arc. Students will learn theory, practice their basic welding skills. Practice will include the completion of proper weld techniques and welds. Students will learn blueprint reading and will manufacture several projects using steel and sheet metal. Any electronic device including cell phones will be placed in a school-provided storage unit before class starts and will be returned to the student at the end of class before dismissal. This class can only be repeated with teacher approval. **A \$10 shop fee applies to this class.**

**Advanced Welding**

<b>STEAM</b>	<b>Global</b>	Meets Requirement: ELECTIVE
Grades: 11, 12		Credits: 0.5
Prerequisite: Welding/Metal Technology and Instructor Approval		
Frequency: 1 Semester, Spring		

Advanced Welding is an in-depth study into the field of Welding. Welding applications will include Advanced Stick Electrode Arc Welding, Advanced Oxy-Acetylene welding, MIG Welding Basic Cutting Techniques and Metal Fabrication. A review of basic welding in flat position, safety (both general and specifically for the welding shop), basic bronze welding techniques, and basic metallurgy will be discussed. Proper equipment setup, care, and maintenance will be demonstrated. In addition, the course will cover advanced metallurgy and out-of-position welding. The student should have good basic skills prior to taking the course. Students will be required to complete a number of weld samples as assigned by the instructor. After completion of required welds, the student may be able to work on a project that has had prior approval. This class can only be repeated with teacher approval. **A \$10 shop fee applies to this class.**

**Woodworking Technology I**

<b>STEAM</b>	<b>Global</b>	Meets Requirement: Pathway Elective and Global Elective
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: None		

Frequency: 1 Semester
-----------------------

This is an introduction to woodworking. The course teaches the basic skills of woodworking. You will also learn the basic properties of wood and how to identify different species of wood. You will learn how to use the fundamental hand and power tools. Safety instruction is given on all power equipment. Students will construct skill builder projects to carry out the objectives of the course. You will have the opportunity to build easy beginner projects. Any electronic device including cell phones will be placed in a school-provided storage unit before class starts and will be returned to the student at the end of class before dismissal. This class can only be repeated with teacher approval. **A \$10 shop fee applies to this class.**

### Woodworking Technology II

<b>STEAM</b>	<b>Global</b>	Meets Requirement: Pathway Elective and Global Elective
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: Woodworking Technology I		
Frequency: 1 Semester		

This beginning course provides advanced study in the use of hand tools and power equipment. You will learn machine safety, design, and proper joinery. The focus of this course will be the student-designed project. Students will learn proper construction techniques, and understand how to finish and use materials to build a project. Craftsmanship and problem-solving techniques are also developed in the course. Any electronic device including cell phones will be placed in a school-provided storage unit before class starts and will be returned to the student at the end of class before dismissal. **A \$10 shop fee applies to this class.**

## Career and Technical Education: STEM Electives/PLTW Courses

Code	Title	Credit	Pre-Req.	Grade(s)
STEM	Intro to STEAM Academy	.5 EA	None	(9),10-12
INVENT	Inventions and Innovations	.5 EA	Intro to STEAM (DESIGN)	9-12
RESDES	Residential Architectural Design	.5 EA	None	10-12
COMDES	Commercial Architectural Design	.5 EA	None	10-12
ENERGY	Energy and Power	.5 EA	None	9-12
CODE	Automate Your World!	.5 EA	None	9-12
FLIGHT	Let's Take Flight	.5 EA	None	9-12
ROBOTA	VEX Robotics Competition	1	None	9-12
STORE	EGF Wave Shop I	1.0	Co-req	10-12

These courses are eligible for 3 college credits through a Project Lead the Way (PLTW) affiliated university. Students may be eligible for college credit for these classes by achieving a score of 4 or higher on the PLTW Assessment (1-9 Stanine Scale), and complete and submit an application for college credit to a PLTW affiliated university.

### STEAM Academy

<b>STEAM</b>	Meets Requirement: Required Academy ELECTIVE
Grades: 10	Credits: 0.5

Prerequisite: None
Frequency: Fall Semester

This is a hands-on and collaborative course where students implement steps of the Design Process to solve design challenges, create, and build product solutions. Students learn to use sketching/drafting techniques and basic 3D modeling to communicate their designs. Weekly or biweekly building design challenges occur where you are given an assortment of materials and challenged to solve a problem with them. Students will gain exposure to careers in our area including industry field trips.

### Inventions and Innovations

<b>STEAM</b>	<b>GLOBAL</b>	Meets Requirement: STEAMElective and Global Elective
Grades: 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: Spring Semester		

In this course, students collaborate in teams and utilize the design process to design, model, and build products that solve a problem that exists in their lives or community. Students utilize Autodesk Inventor, an industry-level CAD program, to create 3D models of their design solutions. Major Projects include the Puzzle Cube Design challenge, the Innovation of an existing product, creating an invention of your own design, and the Catapult Challenge.

### Residential Architectural Design

<b>GLOBAL</b>	<b>STEAM</b>	Meets Requirement: STEAM Elective and Global Elective
Grades: 9,10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: Fall Semester, every year		

Students that take this course will learn to use the principles and elements of design in residential architectural projects. Students learn about interior and exterior design, floor planning, and how to tie in local utilities to their residential home designs. Students learn to solve problems related to residential homes such as managing stormwater run-off. Students will design a home of their own that includes exterior, interior, and landscaping design as a final semester project.

### Commercial Architectural Design

<b>STEAM</b>	<b>GLOBAL</b>	Meets Requirement: STEAM Elective and Global Elective
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: Residential Architecture		
Frequency: Spring Semester, every year		

Students that take this course will learn to use the principles and elements of design in commercial architectural projects. Students learn about interior and exterior design, floor planning, landscaping, structural design, and more. Students learn to solve problems related to commercial buildings, such as, how to manage stormwater run-off and how to design a safe roof system that can handle snow loads for our region. During the 2nd quarter of this class, students will work in teams to design a commercial building proposal for an unoccupied lot in East Grand Forks. Each team will be assigned a local architect

to work with on their building designs. The architect will meet with the teams 3 times throughout the design process. They will provide guidance, feedback, and help students meet building code requirements for their proposals.

### Energy and Power

<b>STEAM</b>	<b>Global</b>	Meets Requirement: STEAM Elective and Global Elective
Grades: 9, 10, 11, 12	Credits: 0.5	
Prerequisite: None		
Frequency: Offered Spring Semester in Even Graduation Years		

Students work in collaborative teams, just as they will in the workforce, to solve real-world problems that are mechanical and/or electrical in nature. Students learn how to solve these real-world problems by applying what they learn about mechanical and electrical systems. Major design challenges include, 1) Building a Rube Goldberg machine, 2) Designing and constructing electrical circuits, 3) Simulating a power distribution system for the city that utilizes renewable and nonrenewable energy.

### Automate Your World

<b>STEAM</b>	<b>Global</b>	Meets Requirement: STEAM Elective and Global Elective
Grades: 9, 10, 11, 12	Credits: 0.5	
Prerequisite:		
Frequency: Offered Spring Semester in Odd Graduation Years		

This course provides an introduction to the Internet of Things (IoT). Students will learn basic programming logic, learn how to use sensors in their coding challenges, and apply what they learn to several design challenges. We begin by learning how to program machines to integrate sensors and motors to execute tasks of our choosing. Students are able to choose from many design challenges, such as designing a lift, feeding a pet on cue, or translating small motion actions (clicking a button) to large motion action (closing the drapes, watering a plant), programming a soccer/hockey goal-scoring machine, or removing a threat from a shared space. The final programming challenge is to design a machine that can sort recyclable materials (simulated with marbles of different materials). In the other portion of the course, students learn about structural design and material selection. Students learn how prosthetics and the skeletal structure of the human being can compare to structural design of buildings and bridges.

### Let's Take Flight

<b>STEAM</b>	<b>Global</b>	Meets Requirement: Pathway Elective and Global Elective
Grades: 9, 10, 11, 12	Credits: 0.5	
Prerequisite: None		
Frequency: Fall Semester		

In this course, students learn about the physics of flight through hands-on building activities and design challenges. Students will learn about flight navigation and piloting an aircraft using state-of-the-art flight simulator software and VR simulators. Students learn about materials used in aircraft and how they are



built. The Design challenges for this course include Paper Airplane Challenger, Glyder Design Challenge, Airfoil Design Challenge, Engine Design Challenge, and The Long-distance Flight.

### VEX Robotics Competition

<b>STEAM</b>	<b>Global</b>	Meets Requirement: Pathway Elective and Global Elective
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: Must have instructor approval for this course		
Frequency: Fall Semester		

In this course students will work in teams to develop a competition robot that will compete in 3 tournaments, and possibly the state tournament. Students will develop logic and programming skills, building skills, utilize the design process from start to finish, use 3D modeling software, learn to plan and document, and learn to work as a team. There is a limit of 16 students for this course and students must obtain instructor approval to register for this course.

### Green Wave School Store

<b>BEC</b>	<b>STEAM</b>	Meets Requirement: Pathway Elective and Global Elective
Grades: 10, 11, 12		Credits: 1.0
Prerequisite: Corequisite with Graphic Art and Graphic Production		
Frequency: 1 YEAR (both semesters)		

Students will begin utilizing the design process through the use of principles and elements of graphic design with our Art instructor (Ms. Genett) during one-third of the School Store class. Students will spend another third of the year learning how to make their artwork come to life and produce products with our Technology teacher (Mr. Sanger). Students will learn how to manage the business aspect of maintaining inventory, scheduling workers, managing income and finances associated with the store, etc. with our Business Ed. Teacher (Mr. Rood) during a third portion of the course. Students will also be able to utilize the machine in welding, metals, woods, and other Tech courses.

## ENGLISH

Code	Title	Credit	Pre-Req.	Grade(s)
BROAD	Broadcasting	.5	None	9-12
ALIT1	American Literature I	.5	None	11-12
ALIT2	American Literature II	.5	American Lit I	11-12
E9A	English 9A	.5	None	9-12
E9B	English 9B	.5	None	9-12
E10A	English 10A	.5	None	10-12
E10B	English 10B	.5	None	10-12
E11A	English 11A	.5	None	11-12
E11B	English 11B	.5	None	11-12
E12A	English 12A	.5	None	12
E12B	English 12B	.5	None	12
FILM	Film Studies	.5	None	10-12
WRITE	Creative Writing	.5	None	9-12
BOOK	Contemporary Literature	.5	None	9-12

COMM	Communications	.5	None	11-12
SRCOMP	Senior Composition	.5		12
SRLIT	Senior Literature	.5		12
THEAT	Theater and Drama	.5	None	10-12

### American Literature I

	<b>R</b>	Meets Requirement: ENGLISH
Grades: 11- 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

This required reading writing course focuses on samples of American literature from before colonial times through the late 1800s. You will read classic works of American writing and discover how they reflect the time periods in which they were created. Course activities include writing about your reading, creating projects, delivering presentations to the class, participating in class discussions, and learning about the English language. Students who work in this course will leave it with the background knowledge and skills necessary for success in American Literature II

### American Literature II

	<b>R</b>	Meets Requirement: ENGLISH
Grades: 11- 12		Credits: 0.5
Prerequisite: American Literature I		
Frequency: 1 Semester		

This required reading and writing course is a survey of American literature from the early 1900s to the present. You will read both classics and contemporary works of American writing and learn how they reflect American society at the time they were written. Course activities include writing about your reading, creating projects, delivering presentations to the class, participating in class discussions, and learning about the English language. Students who work in this course will leave it having developed the language arts necessary for success in senior English courses.

### Broadcasting

	<b>R</b>	Meets Requirement: ENGLISH
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

Students will learn about the model of communication and broadcast communication. Students will learn about how voice works with delivery techniques. Students will learn the history of radio and television. Students will learn how to write news stories or a news broadcast. Students will practice broadcasting of sporting events, news events, and other forms of broadcast media.

### English 9A

	<b>R</b>	Meets Requirement: ENGLISH
--	----------	----------------------------

Grades: 9, 10, 11, 12	Credits: 0.5
Prerequisite:	
Frequency: 1 Semester	

This class has a reading/writing focus, where students are reading and writing daily. Students will read books of their choosing and book club selections. Students will write short and long pieces, purposefully using writer's craft.

### English 9B

<b>R</b>	Meets Requirement:ENGLISH
Grades: 9, 10, 11, 12	Credits: 0.5
Prerequisite:	
Frequency: 1 Semester	

This class has a reading/writing focus, where students are reading and writing daily. Students will read books of their choosing and book club selections. Students will write short and long pieces, purposefully using writer's craft.

### English 10A

<b>R</b>	Meets Requirement:ENGLISH
Grades: 10, 11, 12	Credits: 0.5
Prerequisite:	
Frequency: 1 Semester	

This class has a reading/writing focus, where students are reading and writing daily. Students will read books of their choosing and book club selections. Students will write short and long pieces, purposefully using writer's craft.

### English 10B

<b>R</b>	Meets Requirement:ENGLISH
Grades: 10, 11, 12	Credits: 0.5
Prerequisite:	
Frequency: 1 Semester	

This class has a reading/writing focus, where students are reading and writing daily. Students will read books of their choosing and book club selections. Students will write short and long pieces, purposefully using writer's craft.

### Film Studies

<b>Global</b>	Meets Requirement: Global Elective
Grades: 10, 11, 12	Credits: 0.5

Prerequisite:
Frequency: 1 Semester, offered during Odd Grad Years

Students in this class will analyze films of various eras and styles, considering the literary and cinematic techniques and perspectives that contribute to create meaning. This course will supplement and expand on skills practiced in other courses, including Language Arts. Coursework will focus on critically viewing films, reading relevant texts, and writing both creatively and analytically. Class discussions will provide a forum for students to reflect on, theorize about, and evaluate films. Students will be required to write research papers and critical analyses of major films.

### Creative Writing

<b>Global</b>		Meets Requirement: Global Elective
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester, offered during Even Grad Years		

This elective class will help writers develop as readers and writers in all areas of creative writing. Students will be challenged with various writing assignments to help them achieve different elements and talents in writing. Students will write fiction and non-fiction pieces, with each focusing on different writing aspects and traits. Throughout the course students will be learning and developing the Six Traits of Writing. The class will conclude with each student producing their own portfolio of their work.

### Fun Book Club

<b>Global</b>		Meets Requirement: Global elective
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

This elective class will help students become better readers by challenging them to read and discuss various genres of literature. Students may be assigned a specific genre and given reading options in the category, or the class may read the same novels together. Students will develop better techniques for discussion and for being analytical readers.

### Communications

<b>Global</b>	<b>BEC</b>	Meets Requirement: Global elective and all Pathway electives
Grades: 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester, offered every year		

Communications is a course for students who want to learn how to effectively and clearly communicate in different forms. This course will provide students with the knowledge to be able to express themselves effectively through oral and written communication. It will also prepare them for college, careers, and everyday communication. Communication aims to develop students' skills and confidence in public speaking, research and debate, and interpersonal communication. This course is interactive and is

encouraged for students who wish to follow career paths that involve a variety of communication such as: acting, law, teaching, politics, business, and many other positions.

### Senior Composition

	<b>R</b>	Meets Requirement:ENGLISH
Grades: 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

Senior Composition is a semester required course that is a study of the writing process. Students will study the components of grammar, research, and writing. Students will use critical thinking skills, analyzing skills, interpreting skills, and organizational skills to create and write academic essays.

### Senior Literature

	<b>R</b>	Meets Requirement:ENGLISH
Grades: 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

Senior literature is a study of British literature including novels, plays, epic poems, and short stories. Students will read and analyze literature through writing and speaking. Students will use critical thinking skills, analyzing skills, interpreting skills, and organizational skills to respond to classical literature.

### Theater and Drama

<b>HHS</b>	<b>Global</b>	Meets Requirement:ENGLISH
Grades: 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester, offered every year		

An introductory course designed for students with an interest in drama, students are given opportunities to study and practice acting techniques. This course includes a background in theatre, including improvisation, pantomime, and movement; use of voice, diction, and oral interpretation. Students will explore, develop, and synthesize the elements of the theatre through practical, hands-on experiences in acting and stagecraft. Through techniques like costuming, set design, and lighting, students will learn various elements of dramatic production.

## MATHEMATICS

Code	Title	Credit	Pre-Req.	Grade(s)
ALG1A	Intermediate Algebra IA	.5	None	9-12
ALG1B	Intermediate Algebra IB	.5	None	9-12
ALG2A	Algebra IIA	.5	Int Alg I & Geometry	10-12

ALG2B	Algebra II B	.5	Int Alg I & Geometry	10-12
CAL	Calculus	.5	Survey of Calc.	12
CALG	College Algebra	.5	Geometry & Achieved C or higher in Alg. II	11-12
STATS	Elementary Statistics	.5	Alg. II	11-12 (Spring)
GEOMA	Geometry A	.5	Alg. I	9-12
GEOMB	Geometry B	.5	Alg. I	9-12
PCAL	Pre-Calc	.5	College Algebra	11-12
SURCAL	Survey of Calculus	.5	Pre-Calc	12

### Traditional Pathway (Grades 9-12)



### Accelerated Pathway (Grades 9-12)



### Intermediate Algebra IA & B

<b>R</b>	Meets Requirement: Math
Grades: 9, 10, 11, 12	Credits: 1.0
Prerequisite:	
Frequency: 2 Semesters (1 Full Year)	

This is a full year course designed for the majority of 9th grade students. This program develops and utilizes a step by step learning process. It involves solving equations, working with variables and solidifying their understanding before introducing more difficult concepts.

### Algebra IIA & B

	<b>R</b>	Meets Requirement: Math
Grades: 10, 11, 12		Credits: 1.0
Prerequisite: Int. Algebra I and Geometry		
Frequency: 2 Semesters (1 Full Year)		

This is a full year course offered to students who have successfully completed Algebra I and Geometry. Many concepts from Algebra I and Geometry are reviewed and used to develop further understanding of the structure of the complex number system. Trigonometry is introduced during the last nine weeks.

### Geometry A & B

		Meets Requirement: Math
Grades: 10, 11, 12		Credits: 1.0
Prerequisite: Algebra I		
Frequency: 2 Semesters (1 Full Year)		

This is a full year course for students who have successfully completed Algebra I. Many concepts from Algebra I are reviewed and used to develop this Geometry course. This course uses both plane and solid geometry with more emphasis on plane geometry.

### Calculus (UMC Math 1271)

<b>STEAM</b>	<b>Global</b>	Meets Requirement: STEAM Elective and Global Elective
Grades: 12		Credits: 0.5
Prerequisite: Survey of Calculus		
Frequency: Spring Semester		

This involves a rigorous study of various Calculus topics. The course reviews the major components of Survey of Calculus, proceeds through advanced integration techniques and applications, studies logarithmic and trigonometric derivatives and integration, series and sequences, conic sections, parametric equations, polar equations and others. This course is a College in the High School class, worth 4 credits, offered through the University of Minnesota-Crookston. You must have a cumulative GPA of 3.0 or higher to qualify for this. The UMC drop/add policy will apply for those that choose this option.

### College Algebra (UMC Math 1031)

	<b>STEAM</b>	<b>Global</b>	Meets Requirement: Math, Pathway Elective, Global
Grades: 11, 12			Credits: 0.5
Prerequisite: Geometry-Algebra II			
Frequency: Fall Semester			

This course is offered to students who have successfully completed Geometry and Achieved a C or higher in Algebra II. The material provides some of the background needed to succeed in Survey of

Calculus. Topics covered include: functions and their graphs, higher level polynomials, logarithmic functions, rational functions, matrices, and solving multi-variable equations. This course is a College in the High School class, worth 3 credits, offered through the University of Minnesota-Crookston. You must have a cumulative GPA of 3.0 or higher to qualify for this. The UMC drop/add policy will apply for those that choose this option.

### Elementary Statistics (UMC Math 1150)

	<b>STEAM</b>	<b>Global</b>	Meets Requirement: Math , Pathway, and Global Elective
Grades: 11, 12			Credits: 0.5
Prerequisite: This will be a CIHS class offered through UMC for 3 college credits. It will be offered in the Spring semester. Any student wanting to take this course must have a 3.0 GPA and receive a C or higher in Algebra II.			
Frequency: Spring Semester			

This will be a CIHS class offered through UMC for 3 college credits. It will be offered in the Spring semester. Any student wanting to take this course must have a 3.0 GPA and receive a C or higher in Algebra II. The course will cover descriptive statistics, elementary probability, normal distribution, binomial distribution, confidence intervals, tests of hypotheses, correlation, regression, chi-square, ANOVA.

### Pre-Calculus (UMC Math 1250)

		Meets Requirement: Math or Elective
Grades: 11, 12		Credits: 0.5
Prerequisite: College Algebra		
Frequency: Spring Semester		

This course is offered to students who have successfully completed College Algebra. The material covered includes: trigonometric ratios, trigonometric identities, applications of trigonometry, periodic graphs, counting and probability, series and sequences. This course is a College in the High School class, worth 4 credits, offered through the University of Minnesota-Crookston. You must have a cumulative GPA of 3.0 or higher to qualify for this. The UMC drop/add policy will apply for those that choose this option.

### Survey of Calculus (UMC Math 1142)

<b>STEAM</b>	<b>Global</b>	Meets Requirement: STEAM Elective or Global Elective
Grades: 12		Credits: 0.5
Prerequisite: Pre-Calculus		
Frequency: Fall Semester		

This course covers the topics covered in an introductory college course of Calculus. Topics include: review of College Algebra and Pre-Calculus skills, limits, derivatives and their applications, and



integration techniques. This course is a College in the High School class, worth 3 credits, offered through the University of Minnesota-Crookston. You must have a cumulative GPA of 3.0 or higher to qualify for this. The UMC drop/add policy will apply for those that choose this option.

### **ACT Prep Course**

<b>Global</b>	Meets Requirement: Global Elective
Grades: 11, 12	Credits: 0.5
Prerequisite: None	
Frequency: Fall Semester	

The ACT test is an important exam for Juniors that can affect their college choices and scholarship opportunities. A score difference of a few points can completely change one's college prospects. This course will begin with testing strategies and diagnostic tests to develop an individual study plan. The remainder of the class will be working to improve the areas of greatest concern and improving testing skills. After the course finishes in January, each student will have resources to work with until the ACT tests begin a few weeks later.

### **E.L.L. English Language Learners**

	Meets Requirement: English or Elective
Grades: 9, 10, 11, 12	Credits: 0.5
Prerequisite: By special arrangement only	
Frequency: 1-3 Hours/Year	

A study of English related areas designed for students who are learning English as a second language.

### **Volunteer/Mentoring Opportunities & Programs**

\*\*\*\*\*Anyone who wants to make a difference in someone's life is encouraged to participate. Upon successful completion, you can request a letter of recommendation stating your hours of participation in this volunteer experience.

**You must be approved by Mrs. Terpstra in the counseling office.\*\*\*\*\***

### **Student Mentorship**

<b>HHS</b>	Meets Requirement: Elective or HHS Elective
Grades: 12	Credits:
Prerequisite: Special Arrangement	
Frequency: 1 Semester	

Students accepted into this program will be placed at the elementary school or middle school level depending on teacher needs and student interests. Students will assist teachers with general tutoring in a variety of subject areas. P/F grading. This is considered a "non-academic" option and is limited to only a few students per semester. You must be approved by Mrs. Terpstra in the counseling office.

## Teaching Internship

<b>HHS</b>	Meets Requirement: HHS Elective or elective
Grades: 12	Credits: .5
Prerequisite: Special Arrangement	
Frequency: 1 Semester	

Juniors and Seniors in good standing at Senior High and on-track to graduate will be eligible to be a teaching intern. Seniors have their first chance at internships. This is more involved than a teaching assistant. Successfully completing this internship will earn you semester credit. Plus, it will be designated as an ***internship*** on your transcript.

You will be matched with a teacher mentor at one of the schools in our district and attend your internship daily. Students in an internship will work with students, journal about observations, reflect/discuss with a mentor teacher, and write a paper. Students will also do clerical and prep work for their mentor teacher. You must be approved by Mrs. Terpstra in the counseling office.

## Volunteer Tutors and Mentors

<b>HHS</b>	Meets Requirement:
Grades: 10, 11, 12	Credits:
Prerequisite: Special Arrangement	
Frequency: 1 Semester	

Sophomores, Juniors, and Seniors in good standing at Senior High and on-track to graduate will be eligible to mentor and/or tutor. You must sign up with Mrs. Terpstra in the counseling office. A counselor will schedule your time at the school and be your contact for this 6 week experience.

Volunteering can be a peer tutoring experience where you help classmates with homework after school. Or, it can be a “Big Brother, Big Sister” type experience where you tutor or mentor a younger student in our school district. You can choose a once a week experience or more often depending on your availability.

## Non-academic options

### Library Aide

<b>Global</b>	Meets Requirement: Elective
Grades: 12	Credits: .5
Prerequisite:	
Frequency: 1 Semester	

Library aides are involved in the check-out and check-in of media center materials, the shelving of books, making copies and a variety of other jobs. They help in the computer lab with maintenance of printer paper and machine shutdown. Computer experience/knowledge is valuable. P/F grading only. Credit is given for one semester only.

### Teacher/Office Aide

<b>Global</b>		Meets Requirement: Elective
Grades: 12		Credits: .5
Prerequisite: Special Arrangement with teachers and Mrs. Terpstra		
Frequency: 1 Semester only		

Teacher aides and office aides are involved in a variety of things ranging from making copies, to running classroom errands for teachers. These positions are for responsible students only! **Credit can be earned for only one semester.** P/F grading. Teachers can only have 1 aide per semester and arrangements are made with the teacher. Seniors are required to register for another class in case aide positions do not work out. Applications are available in the Counseling Office.

### Study Learning Lab

		Meets Requirement: None
Grades: 9, 10, 11, 12		Credits: None
Frequency: 1 Semester, can be taken in more semesters		

Study Learning Lab is a class designed to assist students through the requirements of their mainstream classes. Students will work on individual assignments given to them in other classes with the opportunity to ask questions and clarify information in a smaller group setting. This class period is a structured time for students to work on homework, prepare for tests/quizzes, catch up on missed assignments, and even read, journal or sketch. If you do not have assignments from other classes, you will be expected to work on teacher provided activities, studying for upcoming tests, or reading a book for ELA. Daily grade checks and assignment checks will be done. If you are on Social Media, playing games or doing anything else on your phone or other device, your device will be turned into the office. It may evolve into tutoring other students needing help during this period. This is considered a “non-academic” option. \*\*\*If **Seniors** take a study hall, they are not able to have an early or late release.

## PHYSICAL EDUCATION AND WELLNESS

Code	Title	Credit	Pre-Req.	Grade(s)
AWT	Advanced Weight Training	.5	Beg. Wt. Trng/C.S.&C.	10-12
BEGWT	Beginning Weight Training	.5	PE 9	9-12
CARDIO	Core Strength & Cardio	.5	None	10-12
HEALT	Health	.5	None	9-12
HCP	Intro to Health Care Professions	.5	Health	11-12
COACH	Intro to Coaching	.5		10-12
PE9	Phys. Ed. & Wellness	.5	None	9
TSR1A	Team Sports 10A	.5	No repeats	10-11
TSR1B	Team Sports 10B	.5	No repeats	10-11
TSRA	Team Sports 11/12A	.5	TSR1A & B	11-12
TSRB	Team Sports 11/12B	.5	TSR1A & B	11-12
NET	Nets & Racquets	.5	None	11-12
SOFF	Sport Officiating	.5	None	11-12
REC	Recreation and Leisure	.5	None	11-12

### Physical Education and Wellness

<b>R</b>	Meets Requirement: PE9
Grades: 9	Credits: 0.5
Prerequisite:	
Frequency: 1 Semester	

Physical Fitness and Wellness is a required semester class for all Freshmen. The first Semester we offer such Fall outdoor activities as soccer, softball, and golf. Both 1st and 2nd Semester we offer activities such as bowling, badminton, pickleball, table tennis, volleyball, floor hockey, fitness testing, dance, basketball, and occasionally cross country skiing and curling in the Winter. In the Spring we offer golf, ultimate frisbee, tennis, softball and wiffle ball. Students are required to dress for class, participate in all activities, take theory tests, skill tests and complete worksheets and research papers. The class should emphasize both skills development and understanding the importance of physical activity and life fitness.

### Beginning Weight Training

<b>Global</b>	Meets Requirement: Elective or PE Requirement
Grades: 9, 10	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester	

This class is geared for the student who has very little experience lifting weights. Students will learn safety, spotting techniques, core muscle groups and different lifts, as well as strength and endurance lifting philosophies. Students will be introduced to a variety of weight training programs and then will choose a program which best meets their needs. The Bigger Faster Stronger program has been a very successful and popular program for the young lifter. Each student will see great results with a little hard work. Students usually increase the bench press 15-20 lbs, and their Squat max - 30-45 lbs. Each

student is required to record goals, and daily progress in the weight room. Students will be required to do some worksheets and tests relative to safety, spotting, lifting techniques and muscle identification. Assessment is based on strength and flexibility improvement, proper lifting technique, knowledge, program recording and use of time.

### Advanced Weight Training

<b>Global</b>	<b>HHS</b>	Meets Requirement: Meets elective requirement
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: Beginning Weight Training and Instructor Approval		
Frequency: 1 Semester		

This course is designed for the student who has completed Beginning Weight Training or Core Strength and Cardio and wants to further develop their strength level. You will review the core elements of safety and spotting, proper lifting techniques, program alternatives and record keeping. Students will lift daily with a partner in their programs with assessments in strength development and time management.

### Core Strength and Cardio

<b>Global</b>		Meets Requirement: Elective and PE Requirement
Grades: 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

This class is geared for the student who either has the goal of toning and gaining core strength for overall fitness and health, OR is a female athlete looking to develop sport specific training to enhance their athletic performance. This class is geared for training for competitive sport or simply non-competitive fitness development. Students will focus on good safety in the weight room and fundamentals of core development and strength training. Students will also incorporate cardio and conditioning into addition to strength training within their own personal programs designed to meet their individual goals.

### Intro to Coaching

<b>HHS</b>	<b>Global</b>	Meets Requirement: Meets HHS elective and Global elective
Grades:		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester; Offered Even Grad Year		

This course will focus on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles, sports nutrition and sports psychology, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics.

### Team Sports 10A and 10B

<b>Global</b>		Meets Requirement: PE Requirement or ELECTIVE
Grades: 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

This course is one semester for one-half credit. If taken during the first semester we offer such fall outdoor activities as soccer and softball and flag football. Both 1st and 2nd semester we offer activities such as bowling, badminton, pickleball, table tennis, volleyball, floor hockey, fitness testing, broomball and basketball. In the spring we offer circuit training, ultimate frisbee, tennis, softball, soccer. Students are required to dress for class every day, practice their skills and participate in all activities. The class will emphasize participation, skill development, sportsmanship, and realizing the need for physical activity and lifetime fitness. **No repeats for this course.**

### Team Sports 11/12A & B

<b>Global</b>		Meets Requirement: PE Requirement or ELECTIVE
Grades: 11, 12		Credits: 0.5
Prerequisite: Instructor Approval		
Frequency: 1 Semester		

This class is geared toward the upperclassman. If taken during the first semester we offer such fall outdoor activities as soccer and softball and flag football. Both 1st and 2nd semester we offer activities such as bowling, badminton, pickleball, table tennis, volleyball, floor hockey, fitness testing, broomball and basketball. In the spring we offer circuit training, ultimate frisbee, tennis, softball, soccer and other. Students are required to dress for class, participate in all activities. The class will emphasize daily participation, skill development, sportsmanship and understanding the importance of physical activity and lifetime fitness. **This class can only be repeated with teacher approval.**

### Nets and Racquets

<b>Global</b>		Meets Requirement: Meets Global elective
Grades: 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

Individual, dual and team activities allow students to work on skills and fundamentals of sports that include a racquet and/or net. These activities may include tennis, volleyball, cossar, badminton, pickleball, table tennis, floor hockey and team handball.

### Sport Officiating

<b>HHS</b>	<b>Global</b>	Meets Requirement: Meets HHS elective and Global elective
Grades: 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester; Offered Odd Grad Year		

This course is designed to provide an opportunity for students to get fit and at the same time learn skills to earn extra income. Students will learn the rules and officiating mechanics of volleyball, basketball, hockey and baseball/softball and football. Upon completion of this course, students may be able to officiate at middle school, ninth grade and park and recreation programs. Students may be able to assist with 9<sup>th</sup> grade classes to practice officiating skills.

### Recreation and Leisure

<b>Global</b>		Meets Requirement: Meets Global elective
Grades: 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

This class offers exposure of choices for recreational and leisure lifetime activities. Activities may include golf, walking, bocce ball, croquet, bean bag toss (Cornhole), Frisbee golf, snow-shoeing, rollerblading, table tennis, darts, curling and bowling. Students do not need to change clothes for this class.

### Health

	<b>R</b>	Meets Requirement: Health requirement
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

Health is a required 1 semester course for 10th graders. The health of adolescents is a special concern. Decisions teenagers make at this time in their life are known to have long-lasting effects. In this health class, we will incorporate decision-making skills and enable the student to learn and practice ways to make healthy choices. We will learn how taking responsibility for their own health has positive effects not only for themselves but also for others around them. Topics to be covered include goal setting, nutrition, fitness, stress management, mental health, addiction, sexually-transmitted infections, AIDS, and unplanned pregnancy.

### Intro to Health Care Professions and Human Services Academy Seminar

<b>HHS</b>	<b>R</b>	Meets Requirement: Intro to HHS Academy and Health
Grades: *10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 2nd Semester, Every year		

Students will be introduced to the skills it takes to work in a health related field. The course will also focus on communication and leadership skills. Students will get the opportunity to explore different health related occupations. \*This meets the Health and Human Services Pathway course for class of 2024.

## SCIENCE

Code	Title	Credit	Pre-Req.	Grade(s)
ASTRO	Astronomy	.5	Physical Science 9A & 9B; Biology 10A & 10B	11-12
BIOLA	Biology A	.5	None	10-12
BIOLB	Biology B	.5	None	10-12
CHEM	Chemistry I	.5	Phys. Sci., Biology, Algebra	11-12
FOREN	Forensic Science	.5		11-12
IPC	Int. Physics/Chem. I	.5	None	11-12
IPC2	Int. Physics/Chem. II	.5	IPC	11-12
PHYSA	Physical Science A	.5	None	9-12
PHYSB	Physical Science B	.5	None	9-12
PHYA	Applied Physics A/B	1.0	Algebra 1, Geometry and Biology	11-12
SPORTS	Sports Science	.5		11-12
PHYS	UMC Introductory Physics	1.0	Math 1031 or enrolled in Alg. 2, 3.0 GPA	11-12
HUMAT	Human Anatomy	1.0	Biology A/B: Full Year Class	11-12
ENVIRO	Environmental Science	.5	None	10-12

### Physical Science 9A

<b>R</b>	Meets Requirement: Science Requirement
Grades: 9, 10, 11, 12	Credits: 0.5
Prerequisite:	
Frequency: 1 Semester	

This course is an introduction to some of the major concepts of physics. The units include the nature of science, the metric system measurements, force and motion, waves, light and color, sound, energy, and work.

### Physical Science 9B

<b>R</b>	Meets Requirement: Science Requirement
Grades: 9, 10, 11, 12	Credits: 0.5
Prerequisite:	
Frequency: 1 Semester	

This course is an introduction to some of the major concepts of chemistry. The units include: a review of measurement, phases of matter, structure of the atom, the periodic table, naming and writing chemical formulas, writing balanced chemical equations, lab safety, acids and bases, and basic lab work.



## Biology A

	<b>R</b>	Meets Requirement: Meets Biology requirement
Grades: 10, 11, 12		Credits: 0.5
Prerequisite:		
Frequency: 1 Semester		

Biology A is the science of living things. This course will include a general introduction to many aspects of living things, including; scientific methods, ecology, cell structure and function, genetics, DNA, and protein synthesis. This course is lab based. We will be having several labs each week.

## Biology B

	<b>R</b>	Meets Requirement: Meets Biology requirement
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: 1 Semester		

This course will study the diversity of life and its evolution, human impact on the environment, comparative human anatomy and homeostasis. This course is lab based. We will be having several labs each week.

## Chemistry

	<b>STEAM</b>	Meets Requirement: Meets Chemistry/Physics requirement
Grades: 11		Credits: 0.5
Prerequisite: 1 Year Physical Science, Biology, Algebra, or Teacher Approval		
Frequency: 2 Semesters for 1 Year		

Chemistry is a full year course designed to give the student an appreciation of the atomic nature of everything around us. This level of the course will focus on a conceptual understanding of the subject matter.

## Forensic Science

<b>STEAM</b>	<b>HHS</b>	Meets Requirement: Elective
Grades: 11-12		Credits: 0.5
Prerequisite:		
Frequency: 1st semester offered Odd Grad Year		

Course Description: Forensic Science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. It includes the investigation of fingerprinting, fiber analysis, ballistics, arson, trace evidence analysis, poisons, drugs, blood spatters, and blood samples. Students are taught the proper collection, preservation, and laboratory analysis of various samples.

### Integrated Physics/Chemistry I & II

	<b>R</b>	Meets Requirement: Chemistry/Physics requirement
Grades: 11, 12		Credits: 0.5
Prerequisite: By instructor approval only		
Frequency: 2 Semesters (1 Full Year)		

This class is a full year class (broken into 2 semesters) that covers the Minnesota Science standards of all the Physical Sciences. This class is required for all students unless they are taking Chemistry I & Chemistry II. This class will be a lab based science. The student will need to pass both semesters to fulfill their graduation requirements. Prerequisites are: Physical Science A and B and Biology A and B.

### Applied Physics A & B

	<b>STEAM</b>	Meets Requirement: Meets Required Chem/Phys or STEAM elective
Grades: 11, 12		Credits: 0.5
Prerequisite: Algebra 1, Geometry and Biology		
Frequency: Full Year		

Applied Physics is a class that shows students how physics and engineering are used in the real world. You may also learn how other sciences are used. Algebra and geometry are a must in this class. If you like science and you are looking for a class that exposes you to what jobs you can get with a high school diploma, 2-year degree, or a 4-year degree. This is the class for you. Exploration of careers, labs, and engineering will be added throughout the class as physics topics of speed, forces, energy, heat, waves, and electricity are taught. Taking both semesters will meet the MN graduation requirement for 1 credit in Chemistry or Physics.

### Introductory Physics (PHYS 1012)

	<b>STEAM</b>	Meets Requirement: Meets required Chem/Phys or STEAM elective
Grades: 11, 12		Credits: 1.0
Prerequisite: Math 1031 or Enrolled in Algebra 2; 3.0 GPA or higher		
Frequency: 2 Semesters (1 Full Year, 4 Credits)		

Motion, forces, torque, energy, heat, sound, light, electricity, magnetism. Emphasizes applications. This is a year-long class that can earn you 4 college credits. The use of higher-level math is a must. A 3.0 GPA or higher is required. Students will earn credit through UMC with a passing of C or better.

### Astronomy (Earth and Space Science)

<b>STEAM</b>	<b>Global</b>	Meets Requirement: Meets STEAM elective and Global elective
Grades: 11, 12		Credits: 0.5
Prerequisite: Physical Science 9A & 9B; Biology 10A & 10B		

Frequency: 2nd Semester
-------------------------

Students who take this course will investigate the following: 1) Understand theories of the origin and evolution of the universe (examples are planetary systems and stellar cycles). 2) Exploring space travel and current topics in Astronomy. 3) Understand the make up of our solar system and the universe.

### Sports Science

<b>HHS</b>	<b>Global</b>	Meets Requirement: HHS elective or elective
Grades: 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: 1st Semester, every year		

Have you ever wondered why a curveball curves? Does Carb-loading help? Why do sports drinks have certain chemicals in them? Sports Science is a great opportunity to answer these questions and more. This broad-ranging class will focus on biomechanics, biochemistry, physics, chemistry, and many other composite sciences. It will be both educational and practical and guided by student inquiry at times. There is no science or math prerequisites for this class, only a desire to better understand the human body and the physics of the sports that we play.

### Human Anatomy

<b>HHS</b>	<b>Global</b>	Meets Requirement: HHS elective or elective
Grades: 11, 12		Credits: 1.0
Prerequisite: Biology A/B		
Frequency: Full Year Class: Part A (Semester 1)/Part B (Semester 2)		

This course studies the structures and functions of the human body through content discussion and lab experiences providing for understanding the structures and functions of the adult human body. Topics covered include general anatomical terminology, muscular system, circulatory, digestive, respiratory, and reproductive systems. Model making labs and dissection labs are used to facilitate instruction. This course is recommended for students interested in the science of the human body and those considering a career in any area of healthcare.

### Environmental Science

<b>STEAM</b>	<b>Global</b>	Meets Requirement: STEAM elective or global elective
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: 1st Semester, Even Graduation Years		

Environmental Science is a semester-long course that will cover various topics in relation to biology and our natural environment. This course will be taught as an introductory course to students with limited background in biology and chemistry. This course will include, but not be limited to topics such as river resources, duck banding, forest resources, agricultural development, fossil fuels, natural resource management, pollution, endangered species, and entomology (the study of insects)

## SOCIAL SCIENCE

Code	Title	Credit	Pre-Req.	Grade(s)
GOV	American Government	.5	None	12
CIV	Civics	.5	None	9
ECON	Economics	.5	None	11-12
GEOG	Geography	.5	None	9-12
GLOBE	Global Initiatives	.5	None	11-12
JUSTICE	Law and Justice	.5	None	11-12
USH75	Modern History - U.S. Hist. 1975 to the Present Spring Semester ONLY	.5	U.S. History 10A & 10B	11-12
ETHICS	Philosophy and Ethics	.5	None	10-12
PSY	Psychology	.5	None	11-12
USHA	US History IA	.5	None	10-12
USHB	US History IB	.5	None	10-12
WHA	World History A	.5	None	9-12
WHB	World History B	.5	None	9-12

### \*\*\*\*\* Social Studies Sequence

	2020-21	2021-22	2022-23	2023-24
Class of 2023	US A/B 10	Geog/SSE* 11	Gov/Econ 12	
Class of 2024 & beyond	Geog/Civics 9	US A/B 10	WH A/B 11	SSE*/Econ 12

### American Government

<b>R</b>	Meets Requirement: Social Studies-American Government requirement
Grades: 12	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester	

This subject is valuable to any students concerned with understanding his relationships to the people elected to make political and governmental decisions for us. The main topics to be covered during the semester will center on the Constitution and governmental decision making at the national level with reference to state and local government. Additional units may be on government agencies. Political party campaigns and elections, international affairs, etc. respect for people whose way of life is different from their own. NEW: This course will offer the MDE required Civics Test. This test must be taken prior to graduation with a score of 30/50. All students are required to take it prior to graduation.

### Civics

<b>R</b>	Meets Requirement: Social Studies
Grades: 9	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester	

Course Outline:

In Civics we will examine the political system of the United States and the role we play as citizens. We will draw special emphasis on the three branches of government, the Constitution, and the rights and responsibilities of each citizen. We will also look at how we formed our government and how our government compares to other countries' political systems.

**Economics**

<b>R</b>	Meets Requirement: Soc. Studies-Economics Requirement
Grades: 11, 12	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester	

In accordance with the standards, as put forth by the Minnesota Department of Education, this course will introduce students to concepts fundamental to both micro and macro economics. We will look at the interactive nature of global, national, and local economic systems, and how government decisions impact those systems. The student will develop an understanding of how economic concepts operate in the United States and how economic principles influence business decisions. Helping the student to explore career opportunities, consumer issues, and other aspects of personal economics will also be included.

**Geography**

<b>R</b>	Meets Requirement: Social Studies-Geography requirement
Grades: 9, 10, 11, 12	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester	

Geography has become an increasingly important topic in our ever shrinking world. Just as we must know and understand our own culture, country, and environment, we must also have an understanding of other nations and cultures to function in a multicultural, global environment. The class will focus on many topics such as human movement and migration, population issues, consumption patterns among many others.

**Global Initiatives**

<b>Global</b>	Meets Requirement: Global Elective
Grades: 11, 12	Credits: 0.5
Prerequisite: None	
Frequency: Spring Semester in <b>Even Grad Years</b>	

This **1/2 credit semester course** is a junior/senior elective. Students will be tasked with analyzing current world issues that impact the United States, by reviewing news articles, television broadcasts, and geopolitical websites. This "living" course will give students an understanding of modern world conflicts and the multinational attempts engaged toward their peaceful/violent resolution.

### Modern History - U.S. History 1975 to the Present

	Meets Requirement: Social Studies-U.S. History requirement
Grades:	Credits: 0.5
Prerequisite: U.S. History 10A and U.S. History 10B	
Frequency: Spring Semester in <b>Odd Years</b>	

U.S. History from 1975 to the Present, is a one semester class used to bridge U.S. History 10B to the present day. This course will focus on the Post-Vietnam War United States Foreign and Domestic Policy, including but not limited to, the people and events which have shaped it. This course is elective only and can only be taken upon completion of both U.S. History 10A and 10B.

### U.S. History A

	Meets Requirement: Social Studies-U.S. History requirement
Grades: 10, 11, 12	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester	

First Semester US History I examines the first civilizations and settlements in America. Students will study how the North and South American Continents were explored and settled. Students will know and understand the Colonial Time Period and the events that lead to the Revolutionary War and the declaring of our independence. Second Semester students will study Westward Expansion of the young United States nation, how our present government became established under the constitution, what events lead to the Civil War and changes that occurred because of this war.

### U.S. History B

<b>R</b>	Meets Requirement: Social Studies-U.S. History requirement
Grades: 10, 11, 12	Credits: 0.5
Prerequisite: None	
Frequency: 1 Semester	

U.S. History IB examines the Post-Civil War United States. This course picks up just beyond Federal Reconstruction and immediately engages students with analyzing the Industrial Revolution. Beyond the turn of the 19th Century, US History B takes intensive looks at monumental occurrences such as WWI, the Great Depression, WWII, wars in Southeast Asia, the struggle for civil rights, and the all encompassing Cold War with Soviet Europe. This class concludes with the fall of communism and the birth of the War on Terror.

## World History A and World History B

	<b>R</b>	Meets Requirement: Meets Social Studies-World History requirement
Grades: 9, 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: 1 Semester each for a total of 2 full semesters		

This year-long course will be an overview of world history from Early Civilizations through the modern era. Major civilizations such as Ancient Egypt, Greece and Rome will be covered as well as significant periods of time like the Middle Ages, Renaissance, and the Age of Exploration. Students will concentrate on developing geographic, critical thinking, and literacy skills.

## Law and Justice

<b>HHS</b>	<b>Global</b>	Meets Requirement: HHS elective and Global Elective
Grades: 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: 1 Semester		

The course "Law and Justice" helps students understand why we live under the rule of law, and how laws are created, enforced, interpreted, and changed. Students learn about historical developments and current practices in criminal law, corrections, and the courts. It also explores civil rights issues and the role of advocacy, civics, and the media in our legal system as well current and historical developments in our juvenile justice system. The course will also include area law enforcement, lawyers and judges explaining and discussing important local, state and national legal issues

## Philosophy & Ethics

		Meets Requirement: Social Studies
Grades: 10, 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: 1 Semester		

### Course Outline:

A challenging course that examines the foundations of logic, ethics, and epistemology. Students in this course will explore open-ended questions that will lead to fundamental concepts about the values in human life. (Ex: Do you sacrifice 10 strangers to save 5 friends? Why or why not?) As a class we will wonder, discuss, and critically explore the nature of reality and our values, as we try to understand and find meaning in our lives. The goal of this course is to improve students' critical thinking and logical argumentation skills.

## Psychology

<b>HHS</b>	<b>Global</b>	Meets Requirement: HHS elective or Global Elective
Grades: 11, 12		Credits: 0.5
Prerequisite: None		
Frequency: 1 Semester		

Psychology is the study of observed and inferred behavior especially of human beings. The study of psychology will help students better understand themselves and their own personal problems. This course will increase the students' ability to live harmoniously with others and will give students a basic understanding of why people do the things they do. Seniors have priority.

## WORLD LANGUAGES

EGF Senior High does not require any World Language credits for graduation, However, our foreign language courses meet the NCAA **Clearinghouse for Division I and II college athletics** [www.ncaa.org](http://www.ncaa.org). If you are planning to compete in college athletics, you are strongly encouraged to take at least 1 year of a foreign language. Many 4-year colleges and universities require or strongly recommend 2 years of a single language for admission requirements. Two years in high school meet the college two year requirement. After completion of Year 1 and 2 in any foreign language, students can earn Career Academy Electives.

Code	Title	Credit	Pre-Req.	Grade(s)
GER1A	German IA	1.0	None	9-12
GER1B	German IB	1.0	None	9-12
GER2A	German IIA	1.0	German I with "C" or higher	10-12
GER2B	German IIB	1.0	German I with "C" or higher	10-12
GER3A	German IIIA	1.0	German I & II	11-12
GER3B	German IIIB	1.0	German I & II	11-12
GER4A	German IVA	1.0	German I, II, & III	12
GER4B	German IVB	1.0	German I, II, & III	12
SPA1A	Spanish IA	1.0	None	9-12
SPA1B	Spanish IB	1.0	None	9-12
SPA2A	Spanish IIA	1.0	Spanish I with "C" or higher	10-12
SPA2B	Spanish IIB	1.0	Spanish I with "C" or higher	10-12
SPA3A	Spanish IIIA	1.0	Spanish I & II	11-12
SPA3B	Spanish IIIB	1.0	Spanish I & II	11-12
SPA4A	Spanish IVA	1.0	Spanish I, II, & III	12
SPA4B	Spanish IVB	1.0	Spanish I, II, & III	12

### [Video for German Classes](#)

#### German 1A & 1B

<b>Global</b>	Meets Requirement: Global Elective
Grades: 9, 10, 11, 12	Credits: 1.0
Prerequisite:	
Frequency: 2 Semesters (1 Full Year)	

German I is a full year course centered around learning the basic skills of listening, speaking, reading, and writing in another language. German I will focus on building vocabulary with limited grammar. Open to all classes. There are no prerequisites, only a desire to learn the language and culture of German speaking countries. However, a "C" average in English is strongly recommended.



### German IIA & IIB

<b>Global</b>		Meets Requirement: Global Elective
Grades: 9, 10, 11, 12		Credits: 1.0
Prerequisite: Completion of German I with a recommended C grade or better		
Frequency: 2 Semesters (1 Full Year)		

Planning a two-year language study is strongly recommended. This sequence provides college prerequisites for many area schools. German II provides a continuation of the skills learned in German I. Emphasis is placed on developing vocabulary and speaking skills necessary for traveling in a foreign country, reading, and writing in German. German II will continue developing grammar skills while adding more vocabulary. Students also study the culture of German speaking countries.

### German IIIA & IIIB

<b>Global</b>		Meets Requirement: Global Elective
Grades: 11, 12		Credits: 1.0
Prerequisite: German I & II		
Frequency: 2 Semesters (1 Full Year)		

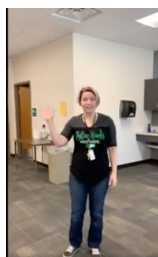
German III gives students an opportunity to continue their language studies and strengthen their skills. Students will continue the study of vocabulary and grammar of the language. They will practice spoken German in a variety of conversational situations. They will read a variety of genres in the language and express ideas orally and in writing with accuracy and fluency.

### German IVA & IVB

<b>Global</b>		Meets Requirement: Global Elective
Grades: 12		Credits: 1.0
Prerequisite: German 1, II and III		
Frequency: 2 Semesters (1 Full Year)		

German IV continues the goals of the German III class at a more advanced level. Students work on vocabulary, structure, oral and written expression. It is recommended if students plan to take college language classes, they complete the four-year sequence if possible.

## Video for Spanish Classes



### Spanish IA & IB

<b>Global</b>		Meets Requirement: Global Elective
Grades: 9, 10, 11, 12		Credits: 1.0
Prerequisite:		
Frequency: 2 Semesters (1 Full Year)		

Spanish I is a full year course centered around learning the basic skills of listening, speaking, reading, and writing in another language. Open to all classes. There are no prerequisites; however, a desire to learn the language and culture of another country and a **C** average in English is strongly recommended.

### Spanish IIA & IIB

<b>Global</b>		Meets Requirement: Global Elective
Grades: 10, 11, 12		Credits: 1.0
Prerequisite: Recommend completion of Spanish I with a C grade or better		
Frequency: 2 Semesters (1 Full Year)		

Planning a two year language study is strongly recommended. This sequence provides college prerequisites for many schools. Spanish II provides a continuation of the skills learned in Spanish I. Focusing on communication in everyday situations, our program will help students develop proficiency in listening, speaking, reading, and writing in Spanish. Spanish II will continue developing grammar skills while adding more vocabulary. It will also increase students' knowledge and appreciation of diverse cultures in Spanish speaking countries.

### Spanish IIIA & IIIB

<b>Global</b>		Meets Requirement: Global Elective
Grades: 11, 12		Credits: 1.0
Prerequisite: Spanish I & II		
Frequency: 2 Semesters (1 Full Year)		

Spanish III gives students an opportunity to continue their language studies and strengthen their skills. Vocabulary and grammar are covered in greater detail, with the goal of writing and speaking fluently about a variety of topics. Culture, art, short literary pieces, magazine and newspaper readings, and group conversation are included in the curriculum.

### Spanish IVA & IVB

<b>Global</b>	Meets Requirement: Global Elective
Grades: 12	Credits: 1.0
Prerequisite: Spanish I, II and III	
Frequency: 2 Semesters (1 Full Year)	

Spanish IV continues the goals of the Spanish III class at a more advanced level. Students work on vocabulary, structure, oral and written expression. It is recommended if students plan to take college language classes, they complete the four-year sequence if possible. Students taking Spanish IV complete their mastery of verb tenses while becoming more advanced in speaking, reading, writing, and listening abilities.

## **College in the High School (CIHS) University of Minnesota Crookston**

College in the High School is a collaborative effort between East Grand Forks Senior High School and the University of Minnesota-Crookston and Northland Community and Technical College. The program was established to provide academically challenging courses in the high school for which students would receive college credit. College courses would be effectively integrated into the high school schedule so that students would maintain their relationships with the Senior High.

College-bound students will have the opportunity to establish appropriate expectations for collegiate academic performance. The students may take the courses exclusively for high school credit, or they may choose to register with the postsecondary college or university to also receive college credit.

The student's grade will appear on the university or college transcript and will be a part of the student's permanent college record. The decision of whether to grant credit for these courses is entirely up to the accepting college or university. Courses include:

### **UMC**

College Algebra (MATH 1031)	3 credits
Pre Calculus (MATH 1250)	4 credits
Survey of Calculus (MATH 1142)	3 credits
Calculus (MATH 1271)	4 credits
Stats (STATS1150)	3 credits
Intro to Physics (PHYS 1012)	4 credits

**Student Eligibility:** Students at EGF Senior High School who are interested in participating in this program must be in grades 11 or 12. Courses taken through UMC require the student to have a cumulative GPA of 3.0. Additional eligibility requirements, if any, are included in the course descriptions.

**Permission to Enroll:** A Notice of Student Registration form must be completed by the students and their parent/guardian. The student does have the option of taking this course for high school credit only. It is the student's responsibility to make sure enrollment is complete by the deadlines set by UMC and NCTC.

**Credit:** The students will receive full high school credit and college credit without having to leave the Senior High. The only exception to this is in the Health Occupations course, which will involve some additional lab time at NCTC. The students will receive an official transcript from UMC and/or NCTC.

Grading: The students will have their grades recorded on a college transcript. The students will also receive the same grade on their high school transcript which will reflect on the student's cumulative GPA.

# College Enrollment Eligibility Requirements for EGF Senior High Students

## CIHS College in the High School

11<sup>th</sup> and 12<sup>th</sup> grade: at least a 3.0 cumulative GPA.

UMC courses (College Algebra, Pre Calculus, Survey of Calculus, Calculus, Intro to Physics)- **no placement test required.**

## (PSEO) Postsecondary Enrollment Options

Postsecondary Enrollment Options (PSEO) is a program that allows 10th-, 11th- and 12th-grade students to earn college credit while still in high school, through enrollment in and successful completion of college-level courses. With traditional PSEO, these courses are generally offered on the campus of the postsecondary institution; some courses are offered online. Postsecondary institutions are not allowed to charge PSEO students for tuition, textbooks or support services. Students may be charged for equipment that becomes their property when the course or program is completed.

Most PSEO courses are only open to high school students during their 11th- and 12th-grade year, with each participating college and university setting their own requirements for enrollment into the PSEO courses and programs. Students may take PSEO courses on a full- or part-time basis. NCTC requires Seniors to be in the top ½ of their class, Juniors in the top 1/3 of their class, and meet Accuplacer benchmarks for each particular course. UMC PSEO requires ACT scores.

Many two- and four-year colleges and universities in Minnesota offer online courses and some of them offer online degrees and certificates. Through the wide array of online courses offered in Minnesota higher education, it is possible for PSEO students in our state to complete the Minnesota Transfer Curriculum requirements and/or other courses that could result in an award in addition to their high school diploma.

Students must meet the PSEO eligibility requirements and abide by participation limits. However, if a school district determines a pupil is not on track to graduate, she/he may still continue to participate in PSEO.

**How to Enroll in PSEO:** Interested and eligible 11th- and 12th-grade students should contact their counselor to find out their eligibility requirements for the institution, which courses are offered and what the application process is at that institution. Interested and eligible public 10th-grade students should contact the postsecondary institution to find out which Career and Technical (CTE) courses are offered and what the application process is at that institution.

To assist the district in planning, **students are required to inform their district of their intent to enroll in PSEO courses during the following school year by May 30.** Students should seek guidance from their high school counselor to determine if PSEO is the right fit for them and their academic plan. Interested students must complete the **Postsecondary Enrollment Options Program Registration Form** and attend a parent-student informational meeting. This meeting is required prior to each academic year.

Northland requires students to complete the Accuplacer assessment before enrolling in classes. The Accuplacer will assess your ability in math and English. All students must complete the Accuplacer unless exempt per the following: Reading Comprehension: 18 ACT English or 21 ACT Reading; Math: 22 ACT Math

## 9-12 Registration Worksheets

### 9th Grade Registration

For each semester of their 9th grader year, all students will be enrolled in the following:

- |                    |               |                  |
|--------------------|---------------|------------------|
| ● Freshman Seminar | ● Math        | ● Social Studies |
| ● Physical Science | ○ Int Algebra | ○ Geography      |
| ● English          | ○ Geometry    | ○ Civics         |

9th grade students will then complete their schedule by selecting two elective classes each semester from the following classes:

- Art: Intro to Studio Arts (pre-req: take this first), Art 1, Handmade Crafts, Sculpture, Making History with Paint
- Business: Computer Applications
- English: Fun Book Club, Creative Writing
- Family and Consumer Science: Food and Nutrition
- STEM: VEX Robotic (earns .5 Art credit), Inventions and Innovations and Intro to STEM (both with permission)
- Industrial Tech: Girls' Shop, Small Engines, Woodworking 1, Welding/Metal Technology
- Music: Varsity Band, Varsity Choir, Bach to Rock, Class Guitar, Class Piano
- Phy Ed: Phy Ed 9 (1 semester is required during 9th grade year), Beginning Weight Training
- World Language: Spanish 1, German 1
- Study Halls: no credit given, but might be a good choice in your freshman year

Example of a 9th Grade Schedule:

Semester 1		Semester 2	
Class	Class	Class	Class
Freshman Seminar	.5	Freshman Seminar	.5
English 9A	.5	English 9B	.5
Int Algebra 1A or Geometry A	.5	Int Algebra 1B or Geometry B	.5
Physical Science 9A	.5	Physical Science 9B	.5
Geography/Civics	.5	Civics/ Geography	.5
Phy Ed 9 or Art	.5	Phy Ed 9 or Art	.5
Elective	.5	Elective	.5
Elective	.5	Elective	.5
Total Credits	4.0	Total Credits	4.0

# EAST GRAND FORKS SENIOR HIGH REGISTRATION FORM 9TH GRADE (CLASS OF 2026) 2022-2023

**NAME:** \_\_\_\_\_ **Resource Teacher:** \_\_\_\_\_

**LAST**

**FIRST**

(only if this applies to you)

Class	Semester 1	Semester 2	Comments
1. English	English 9A	English 9B	
2. Math: (Circle your choice)	Intermediate Alg IA Acc Geometry A	Intermediate Alg IB Acc Geometry B	
3. Science	Physical Science A	Physical Science B	
4. Social Studies:	Civics	Geography	
5. Wave Academy:	Freshman Seminar	Freshman Seminar	
6. *PE9 and Elective			
7. **Art Choice and an Elective			
8. Electives (Semester 1 and 2 OR All Year)			
<b>TOTAL CREDITS</b>	8	8	

Alternate Electives			
Alternate Electives			

\* Choose which semester you will take PE9 based on your elective choice-if you choose a Semester 1 elective, PE9 will be Semester 2.

\*\* If you are taking Band and/or Choir, your Art Choice and Elective will be the same both semesters.

Semester One			Semester Two		
<b>VISUAL ART</b>	<b>MUSIC</b>	<b>Industrial Art</b>	<b>VISUAL ART</b>	<b>MUSIC</b>	<b>Industrial Art</b>
Studio Art	Varsity Choir (all year)	Robotics	Studio Art	Varsity Choir (all year)	Robotics
Art I (Pre Req Studio Art)	Varsity Band (all year)	Let's Take Flight	Art I (Pre Req Studio Art)	Varsity Band (all year)	Let's Take Flight
	Varsity Band/Choir (all year)			Varsity Band/Choir (all year)	Automate Your World
<b>BUSINESS</b>	Piano	<b>Industrial Tech</b>	<b>BUSINESS</b>	Piano	<b>Industrial Tech</b>
Computer Applications	Guitar	Woodworking I	Computer Applications	Guitar	Woodworking I
		Small Engines			Woodworking II
<b>ENGLISH</b>	<b>Physical Education</b>		<b>ENGLISH</b>	<b>Physical Education</b>	Girls' Shop
Contemporary Fiction	Beginning Weight Training		Broadcasting	Beginning Weight Training	Welding
Drama and Theater	Nets and Racquets	<b>World Language</b>	Drama and Theater	Recreation and Leisure	
Desktop Pub(all year)		German I (all year)	Desktop Pub (all year)		<b>World Language</b>
	<b>Education Assist</b>	Spanish I (all year)		<b>Education Assist</b>	German I (all year)
<b>FACS</b>	Learning Lab		<b>FACS</b>	Learning Lab	Spanish I (all year)
Food and Nutrition	Resource (IEP, all year)		Food and Nutrition	Resource (IEP, all year)	





# EAST GRAND FORKS SENIOR HIGH REGISTRATION FORM

## 10TH GRADE (CLASS OF 2025) 2022-2023

**NAME:** \_\_\_\_\_

**Case Manager:** \_\_\_\_\_

**LAST**

**FIRST**

(only if this applies to you)

Class	Semester 1		Semester 2	Comments
1. English	English 10A		English 10B	
2. Math: Geometry A/B <b>or</b> Algebra IIA/B				
3. Science	Biology A		Biology B	
4. Social Studies: US History <b>or</b> World History				
5. Academy Pathway Seminar (circle choice)	BEC HHS STEAM			
Academy Pathway Elective				
6. Health and Elective				
7. Electives (Semester 1 and 2 OR All Year)				
8. Electives (Semester 1 and 2 OR All Year)				
<b>TOTAL CREDITS</b>	8		8	

Alternate Electives				
Alternate Electives				

\*Wave Academy Sophomore Seminar (Please choose one)

- BEC (Business, Entrepreneurship and Communications)
- HHS (Health and Human Services)
- STEAM (Science, Technology, Engineering, Arts, and Math)

\*\*If you have not completed your PE or Art requirement, you may want to take a class that meets these requirements.

## *10th Grade Electives*

<p><b><u>Full Year Electives 1 Credit</u></b></p> <ul style="list-style-type: none"> <li>● German 1</li> <li>● German 2</li> <li>● Spanish 1</li> <li>● Spanish 2</li> <li>● Concert Choir</li> <li>● Concert Band</li> <li>● Desktop Publishing Yearbook</li> <li>● Green Wave School Store</li> </ul> <hr style="width: 50%; margin: 10px 0;"/> <p><b><u>½ Credit Electives</u></b></p> <ul style="list-style-type: none"> <li>● Intro to Studio Art</li> <li>● Art 1</li> <li>● Ceramics</li> <li>● Adv. Ceramics</li> <li>● Drawing and Painting</li> <li>● Mural Painting</li> <li>● Mobile Photography</li> <li>● Handmade Crafts</li> <li>● Making History with Paint</li> <li>● Sculpture/3D Design</li>   <li>● Beginning Weight Training</li> <li>● Advanced Weight Training</li> <li>● Team Sports &amp; Rec I</li> <li>● Core &amp; Cardio Strength</li> <li>● Intro to Coaching</li>   <li>● Bach to Rock</li> <li>● Class Guitar</li> <li>● Class Piano</li> <li>●</li> <li>● Communications</li> <li>● Creative Writing</li> <li>● Fun Book Club</li> </ul>	<p><b><u>½ Credit Electives</u></b></p> <ul style="list-style-type: none"> <li>● Accounting 1</li> <li>● Advanced Excel</li> <li>● Marketing 1</li> <li>● Computer Applications</li> <li>● Intro to Business</li>   <li>● Textiles &amp; Fashion (even)</li> <li>● Child &amp; Human Development</li> <li>● Early Childhood &amp; Education</li> <li>● Food and Nutrition</li> <li>● Culinary Arts</li> <li>● Housing and Interior Design (odd)</li> <li>● Human Relations</li> <li>●</li> <li>● Vex Robotic Competition</li> <li>● Intro to STEM</li> <li>● Inventions and Innovations</li> <li>● Let's Take Flight!</li> <li>● Residential Architectural Design</li> <li>● Commercial Architectural Design</li> <li>● Energy and Power</li> <li>● Automate Your World</li>   <li>● Welding</li> <li>● Adv Welding</li> <li>● Woodworking 1</li> <li>● Woodworking 2</li> <li>● Girls Shop</li> <li>● Small Engines</li> <li>● Small Engines 2</li>   <li>● Environmental Science</li> </ul>
--	---

