

# **COOPERSVILLE SENIOR HIGH SCHOOL**



## **2018 - 2019 COURSE DESCRIPTION BOOKLET**

# COVER BY CARRIE SCHOENBORN

The emblem depicted on the front cover can be found in the lobby of Coopersville High School. The idea for the design was by Allen G. Robinson and the plaques were created by Robert DeGeus.

Tradition is that if someone walks across these tiles they must wash the floor with a toothbrush.

The design tells the philosophy of the school and the four areas of a complete education. Each tile has its own significant meaning.



1. The lamp on top is the Lamp of Learning. It portrays that above all Coopersville Senior High School promotes scholarship.
2. The State Seal can be found on the left side of the image. It promotes citizenship – both inside and outside of school.
3. The scales of Justice are located on the right side of the emblem. These scales stand for the ethics, morals, and religions found in the students and faculty at Coopersville Senior High School.
4. The Laurel Wreath and Discus Thrower on the bottom symbolize sportsmanship, athletics, physical education; and a healthy body upon which all other education is based.
5. The large “C” located right in the middle represents Coopersville. It stands for the school pride displayed by our students and community.

By Katie VanHuis and Carrie Schoenborn  
Class of 2005

## Foreword to Parents & Students

Class selection is a very important function of the educational process in high school. The state graduation requirements are intended to give graduates at least a minimal preparation for post-secondary education, and students are encouraged to explore interest areas and advanced courses to better prepare themselves for the future.

This course description booklet is designed to help students select those courses which are best suited to their interests, abilities, and future plans. Class selections should be made with counselor assistance. A program of study should be developed with each student to meet graduation requirements and student goals.

Our staff has worked to align the Career Pathways options with our curriculum offerings. We hope it will be a benefit to you as you make your course selections for next year. Since we believe education is a cooperative venture, we encourage students and parents to plan together, making choices with a goal in mind.

In addition to normal course selections, programs do exist for some students with special interests: Manufacturing Engineering Partnership Program (MEPP), Virtual and blended classes, Dual Enrollment, Senior Internship, Careerline Tech Center, Independent Study, and Articulation. Contact your counselor for details.

A well-rounded high school experience includes involvement in extra-curricular activities, groups, or clubs. Students should take advantage of the various club activities or groups in which they are interested. These opportunities will broaden their experience, as well as create life-long memories.

It is our hope that you will find your high school education rewarding and meaningful for success in life.

Brent Hadden, High School Principal

Jean Arteaga, Guidance Counselor

Amanda Rennells, Assistant Principal

Angie Wurm, Guidance Counselor

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The Coopersville Area Public Schools does not discriminate on the basis of race, color, religion, sex, national origin, age, height, weight, marital status, handicap, disability, or limited English proficiency in any of its programs or activities. The following office has been designated to handle inquiries regarding the nondiscrimination policies: Margaret Baker, Assistant Superintendent

## COOPERSVILLE HIGH SCHOOL GRADUATION REQUIREMENTS

**Graduation Requirements:** A student must earn a total of 26 credits to graduate from Coopersville High School. Students must meet all requirements for a diploma prior to the day of graduation in order to participate in the commencement ceremony. Besides meeting all course requirements, students must satisfy all student debts, and serve all disciplinary requirements. Participation in the commencement ceremony is a privilege, not a right.

### REQUIREMENTS

ENGLISH 4 credits

English 9, English 10, English 11, English 12 or AP English Literature/Comp.

MATHEMATICS 4 credits

Algebra 1, Geometry, Algebra II or equivalent, 1 additional math credit

.5 credit of math or math-related course must be earned during the 12<sup>th</sup> grade year.

SCIENCE 3 credits

Biology, Chemistry 1, Physics 1, *either* Chemistry 2 *or* Physics 2,

0.5 additional science credit elective

SOCIAL STUDIES 3 credits

U.S. History, World History, Government (.5) and Economics (.5)

COMPUTERS .5 credit

PHYSICAL EDUCATION & HEALTH\* (.5 each) 1 credit

\*.5 credit in physical education may be modified according to Department of Education guidelines at the discretion of the principal.

VISUAL/PERFORMING/APPLIED ARTS 1 credit

*List of VPAA options: Band, Jazz Band, all choir courses, all art courses, all CAD, Metals, Woods and Plastics courses, Tech Theatre, Intro to Theatre, Digital Theater, Broadcasting, Engineering, Botany 1 & 2, Natural Resources, Agriscience/App Biology, Zoology, Creative Writing*

WORLD LANGUAGE\*\* 2 credits

\*\*A student may partially or fully fulfill one credit of this requirement by completing an approved formal career and technical education program or by completing visual or performing arts instruction that is in addition to the one credit VPAA credit. For students who plan to attend college, it is highly recommended to complete two credits of a world language.

ON-LINE LEARNING EXPERIENCE

- *BEGINNING WITH THE CLASS OF 2019, A SENIOR PROJECT/PORTFOLIO WILL BE REQUIRED FOR GRADUATION.*
- *STUDENTS MUST ACHIEVE A VALID SCORE ON THE MICHIGAN STATE ASSESSMENT*

**Credits:** 1 year=2 semesters=1 credit 1 semester=.5 credit Credit is awarded on a semester basis in January and June. Partial credit is not awarded.

**Note:** Adjustments may be made to the graduation requirements based on federal, state, and local decisions.

1. Students must be full-time students and are required to take seven subjects and a seminar each semester. No student may graduate in less than four (4) years (8 semesters) regardless of the number of credits.
2. It is recommended that a student planning to attend a four-year college or university should complete two (2) credits in the same foreign language.
3. To be promoted to sophomore status, students must earn a minimum of 4 credits. To be promoted to junior status, students must earn a minimum of 10.5 credits. To be promoted to senior status, students must have a minimum of 16.5 credits.
4. If a student is interested in participating in Division I or II college athletics, it is the student's responsibility to obtain clearinghouse eligibility information and forms.
5. Transfer students must meet all the requirements for graduation that are listed above. In order to receive a Coopersville High School diploma, all students must complete the last two semesters of work at Coopersville High School.
6. A maximum of seven and one half (7.5) credits may be transferred from any community education program. Coopersville High School does not accept G.E.D. test credit or correspondence credit.
7. All graduation requirements must be completed by the end of the calendar year for which the diploma is granted.
8. Grading Criteria: A 4.0 scale is used for figuring grade point average (GPA). Advanced Placement classes use a 5.0 scaled. GPA's are figured cumulatively at the end of each semester. Credit (CR) and No Credit (NC) are not calculated into the formula for GPA's.
9. A class can't be counted for more than one graduation requirement. For example: CAD 4 can be used as VPAA credit OR computer credit, but not both.
10. For students who complete the Early College Program, the total credits for graduation may be adjusted.
11. Exceptions/waivers only with principal's approval.

# CAREER PATHWAYS OVERVIEW

An effective way to navigate and maintain a focused track in your education is through Career Pathways. Career Pathways are six broad groupings of careers that have similar characteristics and whose requirements call for many common interests, strengths, and competencies. The groups encompass the entire spectrum of career options.

As you make your choices for classes next year, consider your future goals, what you value in life, things that you do well, things you enjoy doing, your style of learning and areas that you are curious about. Refer to your Education Development Plan (EDP) to review your goals and current Pathway selection. Take some time to explore our career planning web site; [www.careercruising.com](http://www.careercruising.com). It is a user-friendly web site that combines in-depth career information with the realism and personal perspective provided by interviews with people in every occupation. Features on this website include; career assessment tools, a comprehensive post-secondary schools database, a financial aid section, and a student's individual EDP ("portfolio").

[www.careercruising.com](http://www.careercruising.com)

user id: Coopersville

password: Broncos

**Arts & Communications:** Careers in this path relate to the humanities and to the performing, visual, literacy, and media arts. Are you a creative thinker? Are you imaginative, innovative, and original? Do you like to communicate ideas? Do you like making crafts, drawing, playing a musical instrument, taking photos, or writing stories?

**Business, Management, Marketing, and Technology:** Careers in this path are related to the business environment. Do you enjoy being a leader, organizing people, planning activities, and talking? Do you like to work with numbers or ideas? Do you enjoy carrying through with an idea and seeing the end product? Do you like things neat and orderly? Would you enjoy balancing a checkbook, following the stock market, holding an office in a club, or understanding how apps work on your phone?

**Engineering/Manufacturing and Industrial Technology:** Careers in this path are related to technologies necessary to design, develop, install, and maintain physical systems. Are you mechanically inclined and practical? Do you like reading diagrams and blueprints, and drawing building structures? Are you curious about how things work? Would you enjoy painting a house, repairing cars, wiring electrical circuits, or woodworking?

**Health Sciences:** Careers in this path are related to the promotion of health and treatment of disease. Do you like to care for people or animals who are sick or help them stay well? Are you interested in diseases and in how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid or volunteer at a hospital or veterinary clinic?

**Human Services:** Careers in this path are related to economic, political, and social systems. Are you friendly, open, understanding, and cooperative? Do you like to work with people to solve problems? Is it important to you to do something that makes things better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling, or tutoring young children?

**Natural Resources and Agriscience:** Careers in this path are related to agriculture, the environment and natural resources. Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you enjoy hunting or fishing? Do you like to garden or mow the lawn? Are you interested in protecting the environment?

# UNDERSTAND CAREER PATHWAYS IN TERMS OF JOBS

H = High School

A = Associates/Apprenticeship

U = University-4 Year Degree

## ARTS AND COMMUNICATION

### Fine & Performing Arts

Actor/Actress (H)  
Illustrator (H)  
Composer (H)  
Cartoonist (H)

Interior Designer (A)  
Furniture Designer (A)  
Sculptor (A)  
Painter (A)

### Graphic Arts

Web Master (A)  
Computer Animator (A)  
Graphic Designer (A)

### Applied Arts

Assistant Writer/Editor (A)  
Proof-Reader (A)  
Journalist (A)  
News Reporter (U)  
Speech Writer (U)

Technical Writer (A)  
Author (H)  
Media Analyst (U)  
Interpreter (U)  
Public Speaker (U)

## BUSINESS, MANAGEMENT, MARKETING, AND TECHNOLOGY

### Business

Clerk (H)  
Cashier (H)  
Legal Secretary (A)  
Supervisor (A)

Accountant (U)  
Human Resource Mgr (U)  
Financial Analyst (U)  
Buyer (U)

### Information

Computer Support Specialist (A)  
Office Machine Repairer (A)  
System Analyst (U)  
Computer Programmer (U)  
Data Base Administrator (A)  
Computer Repairer (A)

### Marketing

Retail Sales Person (H)  
Ticket Agent & Travel Clerk (H)  
Retail Buyer (U)  
Advertising Mgr. (U)

Sales Engineer (U)  
Public Relations Mgr. (U)  
Insurance Agent (A)  
Sports Agent (U)

## ENGINEERING, MANUFACTURING AND INDUSTRIAL TECHNOLOGY

### Engineering

Electrical Engineer (U)  
Civil Engineer (U)  
Manufacturing Engineer (U)  
Acoustical Engineer (U)  
Computer Engineer (U)

### Design Technology

Chemical Engineer (U)  
Mechanical Engineer (U)  
Nuclear Engineer (U)  
Aeronautical Engineer (U)  
Plastics Engineer (U)

### Manufacturing Technology

Architect (U)  
Tool & Die Maker (A)  
CAD Operator (A)  
Landscape Architect (U)  
Design Engineer (U)

Material Handler (H)  
Machine Operator (A)  
Machinist (A)  
CNC Programmer (A)  
Electrician (A)

Utility Worker (H)  
Quality Control Inspector (A)  
Construction Worker (A)  
Machine Builder (A)  
Process Technician (A)

## HEALTH SCIENCES

### Medical

Pharmacist Technician (H)  
Records Clerk (A)  
Surgical Technician (A)  
Nuclear Medicine Tech (A)  
Veterinary Technician (A)  
Radiologist (A)

EMT (A)  
Physician (U)  
Nurse (A)  
Pharmacist (U)  
Veterinarian (U)  
Biological Scientist (U)

### Nutrition & Fitness

Fitness Trainer (H)  
Athletic Trainer (A)  
Nutritionist/Dietician (A)  
Health Educator (U)  
Health Care Manager (U)

### Therapy & Rehab

Home Health Care Aide (H)  
OT/PT Aide (A)  
Occupational Therapist (U)

Physical Therapist (U)  
Social Worker (U)  
Speech Pathologist (U)

## HUMAN SERVICES

### Hospitality

Food & Beverage Server (H)  
Recreation Worker (H)  
Lodging Manager (A)  
Cosmetologist (A)

Travel Agent (A)  
Retail Buyer (U)  
Retail Manager (U)  
Restaurant Manager (U)

### Civil/Public Services

Firefighter (H)  
Carpet Cleaner (H)  
Police Officer (A)  
Postal Worker (H)  
Paralegal (A)  
Librarian Technician (U)

### Education/Human Interaction

Nanny (H)  
Coach (U)  
Child Care Worker (H)  
Teacher Aide (A)  
Preschool Teacher (A)  
Counselor (U)

Trainer (U)  
Translator (U)  
Clergy (U)  
Teacher (U)  
Social Worker (A)  
Psychologist (U)

## NATURAL RESOURCES AND AGRISCIENCE

### Service

Veterinary Technician  
Floral Designer (H)  
Equipment Operator (H)  
Food Service Worker (H)

Herdsmen (H)  
Farrier (H)  
Landscaper (H)  
Animal Caretaker (H)

### Professional

Veterinarian (U)  
Conservation Officer (A)  
Biologist (U)  
Farm Manager (H)  
Food Scientist (U)  
Environmental Engineer (U)

### Entrepreneur

Landscape Designer (U)  
Livestock Production Farmer (H)  
Machine Repairer (A)

Vegetable/Fruit Farmer (H)  
Grain Elevator Operator (H)  
Kennel Owner/Breeder (H)

*A single career can overlap more than one Pathway*

# Hot Jobs

## Prepare at CHS!

“Hot Jobs” = Those jobs with the most projected growth nation wide.

Try [www.careercruising.com](http://www.careercruising.com) or <http://www.bls.gov/oco>

### HEALTH SCIENCES

**HOT JOBS:** Medical Assistants, Cardiovascular Technologists and Technicians, Diagnostic Medical Sonographers, Physician Assistants, Respiratory Therapists and Respiratory Therapy Technicians, Athletic Trainers, Surgical Technologists, Clinical laboratory Technologists, Medical and Health Services Managers, Dietitians and Nutritionists, services for the elderly or disabled, home health services, Dental Assistants and Hygienists

**CAREER PATHWAY:** Health Sciences

**KEY RELATIVE ELECTIVES AT CHS:** Chemistry 2, AP Chemistry, Nutrition, Anatomy and Physiology, AP Biology, Bioethics, Medical Terminology, Psychology, AP Psychology, Sociology, Current Issues, Plastics, College Writing, Spanish, Weight Training, AP Statistics, Pre-calculus, AP Calculus, Mathematical Reasoning

### TECHNOLOGY

**HOT JOBS:** Computer and Information Systems Managers, Computer Systems Analysts, Computer User Support Specialists, Database Administrators, Electrical Engineers, Network and Computer Systems Administrators, Software Developers-Applications, Software Developers-Systems Software, Web Developers

**CAREER PATHWAY:** Business, Management, Marketing and Technology

**KEY RELATIVE ELECTIVES AT CHS:** Programming, C++, Java, Python, Computer Repair and Networking, Multimedia, Computer Applications, Mathematical Reasoning, Introduction to Business, Pre-calculus, AP Calculus

### MANUFACTURING

**HOT JOBS:** Mechanical/Industrial/Manufacturing/Plastics Engineers, Programmers, CNC Operators, Robotic Technicians, Machine/Tool Builders, Injection Molders, Welders, Metal Workers, Electricians, Millwrights, Maintenance Technicians, Accountants, Analysts, Engineering/Project Managers, Industrial Designers, Heavy Truck Drivers, Human Resource Managers

**CAREER PATHWAY:** Engineering, Manufacturing and Industrial Technology

**KEY RELATIVE ELECTIVES AT CHS:** Woods, Metals, Plastics, CAD 1-4, Engineering 1, Engineering 2, Chemistry 2, AP Chemistry, Physics 2, AP Physics, Current Issues, Sociology, Psychology, Leadership, Precalculus, AP Calculus, Statistics, AP Statistics, Introduction to Business, Accounting 1 & 2, Basic Art

### AGRIBUSINESS

**HOT JOBS:** Green Car Manufacturing, Environment Refuse Processors, Corporate Social Responsibility Professionals, Environmental Engineers, Hydrologists, Wind Energy Developers, Organic Farming Specialist, Environmental Scientists, and Chemists, Ag Retail Sales, Operations Managers, Custom Applicator/Pest Controllers, Farm Managers, Agriculture Finance/Accounting, Agriculture Technician, Agronomist/Crop Specialists, Food Scientists

**CAREER PATHWAY:** Natural Resources and Agriscience

**KEY RELATIVE ELECTIVES AT CHS:** Ag Management & Marketing, Natural Resources, Botany 1 & 2, Zoology, Engineering 1 & 2, Chemistry 2, AP Chemistry, AP Physics 1 & 2, Current Issues, Sociology, Statistics, Introduction to Business, Accounting 1 & 2



# 4 YEAR PLAN

Name: \_\_\_\_\_

Pathway: \_\_\_\_\_

## Graduation Requirements:

4 credits of **English**: English 9, 10, 11 & either 12 or AP Lit

4 credits of **Math**: Students will be assigned to their first high school math class by their 8<sup>th</sup> grade math teacher.

Subsequent math classes will be determined by high school department. See specific prerequisites listed for each math class.

3 credits of **Science**: Biology, Physics 1 and Chemistry 1 (.5 each), Chemistry 2 OR Physics 2 (.5 each) & one elective class (.5 not included below)

3 credits of **Social Science**: American History, World History, Government (.5), Economics (.5)

.5 credit of **Health**

.5 credit of **Physical Education** (Sports Activity or Aerobics)

.5 credit of **Computers** (not included below)

1 credit of **Visual Performing Applied Arts** (not included below) List of VPAA courses on page 2

2.0 credits of the same foreign language are required for graduating. This is also recommended for all other graduating classes planning to attend a 4-year college. There is allowance to have less than 2.0 credits. See page 2 for information.

The total number of required credits plus the number of elective credits should always equal 7.5/school year (3.75/semester). Except for Seminar, .5 credit classes are one semester and 1.0 credit classes are two-semester courses. AM Careerline Tech Center programs use 4.5 credits per year and PM programs use 3.0 credits per year .

9 <sup>TH</sup> GRADE/FRESHMEN		
	Credit	Name of Course
Required	0.5	Seminar
Required	1	English 9
Required	1	Math: ( )
Required	1	American History
Required	1	Biology
Required	1	Spanish (1 or 2)
Elective		
Elective		
Elective		
Elective		
Elective		
Total =	7.5 credits/school year	

10 <sup>TH</sup> GRADE/SOPHOMORES		
	Credit	Name of Course
Required	0.5	Seminar
Required	1	English 10
Required	1	Math: ( )
Required	1	World History or AP
Required	0.5	Chemistry 1
Required	0.5	Physics 1
Required	.5	Health
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Total =	7.5 credits/school year	

11 <sup>TH</sup> GRADE/JUNIORS		
	Credit	Name of Course
Required	0.5	Seminar
Required	1	English 11
Required	0.5	Physics 2 <i>or</i> Chemistry 2
Required	.5 or 1	Math: ( )
Required	0.5	American Government
Required	0.5	Economics
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Total =	7.5 credits/school year	

12 <sup>TH</sup> GRADE/SENIORS		
	Credit	Name of Course
Required	0.5	Seminar
Required	1	English 12 or AP
Required	.5 or 1	Math: ( )
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Elective		
Total =	7.5 credits/school year	

## Planned High School Co-Curricular Activities:


## ART DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED FOR:</u>	<u>CREDIT</u>
BASIC ART	9-12	1.0
DRAWING & PAINTING 1	10-12	1.0
PRINTMAKING	10-12	.5
SCULPTURE	10-12	.5
DIGITAL ART AND ILLUSTRATION*	10-12	.5
GRAPHIC DESIGN*	10-12	.5
CERAMICS	10-12	.5
DRAWING & PAINTING 2	11-12	1.0
AP STUDIO ART	11-12	1.0

All art classes may be used to satisfy the VPAA requirement.

\*Counts as a computer credit.

### DEPARTMENT INFORMATION

All art classes except Basic Art require a fee for art materials.

All art classes are Discipline Based Art Education Courses (DBAE).

**BASIC ART:** Examines the seven elements of design in the first semester and investigates the principles of design in the second semester. This course will include Art History, Art Production, Aesthetics and Art Criticism. The art production portion of this course will include a wide variety of media, including pencil, paint, computer graphics, clay, wire and more. It is designed as an exploration study that will allow the student to find their personal strengths and preferences. It is highly recommended that this course be taken as early as possible so that the student is able to continue in the visual arts if so desired. This course is a prerequisite for all other art courses.

**DRAWING AND PAINTING 1:** The Art Production portion of this class will include drawing, painting, assemblage and collage. Art history will be introduced with slides, visual references and books of the masters' work. The Aesthetics portion of this course will help the student see more accurately. Seeing is the most important tool that an artist can have. The study of Aesthetics will discuss the psychological and physiological aspect of how we see and react to a particular piece of art. Itten's theories of light and color will be explored. The book Drawing On the Right Side of the Brain is a reading requirement. Art Criticism and Evaluation is the portion of this course that will help you learn how to articulate what you see and what your personal goals are as an artist. This course is recommended for any student interested in developing the visual skills needed for drawing realistically. **Prerequisite:** Basic Art

**PRINTMAKING:** A variety of print media and techniques will be used to introduce the student to the process of printmaking. This could include block prints, relief, monoprint, stencil prints, and screen printing. Assignments in each of these areas will provide skill in the printmaking process. Process is stressed along with development of well-crafted projects. Students will also research the history of printmaking. **Prerequisite:** Basic Art

**SCULPTURE:** This course is designed to develop students' skills of three-dimensional problem solving and building. Students will work in a variety of sculpting materials including clay, plaster, wood, wire, paper mache, and fabric. Students will have the opportunity to conduct individual research on sculptors, sculpture directions in art history, art careers, specific media and techniques that are of particular interest to him or her. Artwork that will be produced could include mask making, figure sculpture, installation/site specific sculpture, abstract sculpture carving, and large scale work. Students interested in a career in 3-D art fields (industrial design, architecture, interior design, ceramics, special effects, stage design, engineering) would benefit from an introductory three-dimensional sculpting course. **Prerequisite:** Basic Art

**DIGITAL ART AND ILLUSTRATION:** This course offers insight into Digital Art and Illustration as a career field. Through this course, students will be introduced to computer design skills using Photoshop. Students will build upon foundational skills in drawing, color theory, composition, and the basic principles & elements of design to create original, effective, and audience-appropriate illustrations using a variety of digital techniques. Art history will be studied in relation to student projects. Emphasis in this class will be placed on developing the student voice and style through the use of digital media. A follow up course to this would be Graphic Design but the classes do not need to occur in a particular order. **Prerequisite:** Basic Art

**GRAPHIC DESIGN:** This introductory course offers insight into the Graphic Design career field. Through this course, students will be introduced to computer design skills using computer programs (Photoshop and Illustrator). This foundational course will study image manipulation, digital camera use, graphic design literacy, and basic design principles and elements. Art history, advertising, and publishing will be studied in relation to student projects. Emphasis of this class will be placed on working with real clients and creating. A follow up course to this would be Digital Art and Illustration but the classes do not need to occur in a particular order. **Prerequisite:** Basic Art

**CERAMICS:** This is a semester course designed to introduce students to the art of rendering through a three-dimensional space. Instruction will be in the form of group discussion, lecture, demonstrations, student-guided research, class critiques, and home drawing assignments. The students will learn various hand-building techniques with clay, as well as the terminology and history associated with three-dimensional design. Through this course students are able to focus on technical, historical, aesthetic, cultural and contemporary ideas concerned with ceramics while strengthening and building their own artistic expression. **Prerequisite:** Basic Art

**DRAWING & PAINTING 2:** Builds on the skills and techniques that students have been working on in Drawing and Painting I. Students will expand their art history knowledge with additional slide lectures and personal research. This course will continue to explore Itten's theories of light and color. The art production portion of this course includes a wide variety of media. Projects will include landscape, still life, self-portrait and all three art categories (realism, abstract, and non-objective). **Prerequisite:** Drawing & Painting 1

**AP STUDIO ART:** The AP Studio Art course (2D Design, Drawing, or 3D Design) is for students interested in a rigorous and focused study in art. It is the equivalent to an introductory college art course being taught at the secondary level. In this course, students will develop a portfolio that demonstrates a mastery of concept, composition and execution in 2D design, Drawing, or 3D design. This course is based on a student creating a body of work that demonstrates quality, concentration and breadth. This portfolio will be submitted to the College Board for college credit. As in any college level course, students will be expected to spend a considerable amount of time outside of class in order to complete assignments and doing homework and sketchbook assignments. **Prerequisite:** 4 completed semesters of art classes with grades of B or better. Required summer assignment.

## BUSINESS DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
INTRODUCTION TO BUSINESS	9-12	.5
ACCOUNTING 1	10-12	.5
ACCOUNTING 2	10-12	.5
APPLIED BUSINESS MANAGEMENT**	11-12	.5
BUSINESS LAW	11-12	.5
AG MANAGEMENT & MARKETING	11-12	.5

\*\*Requires application

### DEPARTMENT INFORMATION

**INTRODUCTION TO BUSINESS:** Provides an understanding of what businesses do, how they work, the role they play in the world's economy and what impact they have on student's everyday lives. Students will also learn the steps they can take to prepare for success in their future careers. This course is recommended for students pursuing any of the 6 Michigan Career Pathways.

**ACCOUNTING 1:** An excellent introductory course for any student planning a career or college education in the field of business. The class provides an overview of accounting systems for service and retail businesses. Automated accounting will be introduced.

**ACCOUNTING 2:** Provides an overview of accounting systems for a corporation. **Prerequisite:** Accounting 1.

**APPLIED BUSINESS MANAGEMENT:** This course is designed to give the students practical experience and knowledge in running a small business. The course will be set up on a flexible schedule with a mix of class time and afterschool and evening scheduled times. The course includes experiences in planning, management, marketing, budgeting, purchasing, record keeping and any other aspects to the running of the Bronco Spirit Shoppe (the school store). Students are accepted through an application process.

**BUSINESS LAW:** A study of the most common types of business contracts, the classification of crimes, and the rights and privileges of the individual. Some of the units covered will be: contracts, buying, selling, employment and agencies, crimes, torts, ethics, laws for minors, laws for consumers, laws for families, renting & owning, and real property.

**AG MARKETING & MANAGEMENT:** Designed to introduce students to concepts involved in today's marketing and management techniques in the Agriscience industry. Principles will include data, record keeping and information, decision-making processes, financial analysis, budget, taxes, ag law, and technology. **Prerequisite:** Agriscience

## COMPUTER DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
COMPUTER APPLICATIONS	9-12	.5
POWER POINT	9-12	.5
COMPUTER PROGRAMMING	10-12	.5
C++ PROGRAMMING	10-12	.5
MULTIMEDIA	10-12	.5
COMPUTER REPAIR/NETWORKING	10-12	.5

### DEPARTMENT INFORMATION

One-half (.5) credit in Computers is required.

**COMPUTER APPLICATIONS:** This class explores word processing, spreadsheet, presentation software, how to use the internet as a research tool, graphics editing, and various other functions of the computers using Open Source, Gimp, Internet Explorer and any other programs that reside on the school computers. The students will learn the in-depth operation of the programs in order to aid them in the completion of assignments while here at Coopersville High School as well as gaining work-readiness skills.

**POWER POINT:** Students will practice speech and public speaking principles via a computerized visual aided presentation.

**COMPUTER PROGRAMMING:** An introduction to the computer language called Q-BASIC. Emphasis will be placed on learning the commands as well as proper program structure and logic. **Prerequisite:** Algebra 1

**C++ PROGRAMMING:** An introductory course in C++ programming. Students learn fundamental programming concepts including structured programming, operations on data and decision-making, looping, recursion, pointers, scope and class of variables strings, numeric arrays, sorting, and an introduction to data structures. Emphasis will be placed on developing programs to solve practical problems. **Prerequisite:** Algebra 1

**MULTIMEDIA:** Students will learn how to use multimedia hardware and software. Students will learn how to create sound, video clips, images, and animations using electronic media.

**COMPUTER REPAIR/NETWORKING:** Students will learn to repair computers practicing on old computers. They will build new computers from scratch with the opportunity to build their own. Networking and trouble-shooting problems will be covered.

**GRAPHIC DESIGN, DIGITAL ART AND ILLUSTRATION and all CAD classes** may also be used to satisfy the computer credit requirement. These courses all have prerequisites. See the Industrial Technology and Art Departments for details. You may not use an art or CAD class as both a VPAA and a computer credit but only one of the graduation requirements at time.

## ENGLISH DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
ENGLISH 9	9	1.0
SPEECH COMMUNICATIONS	9-12	.5
ENGLISH 10	10	1.0
HONORS ENGLISH 10	10	1.0
BROADCASTING ***	10-12	.5
CREATIVE WRITING***	9-12	.5
MME/ACT/SAT Prep*	11	.5
YEARBOOK**	10-12	1.0
ENGLISH 11	11	1.0
HONORS ENGLISH 11	11	1.0
COLLEGE WRITING	11-12	.5
ENGLISH 12	12	1.0
AP LIT/COMPOSITION	12	1.0

\*Not an English credit.

\*\*Requires application

\*\*\*This class may be used to satisfy the VPAA requirement.

### DEPARTMENT INFORMATION

Four credits of English are required for graduation. English 9, English 10, and English 11 are required of all students. English 12 or AP Lit is required during the senior year.

**ENGLISH 9:** A class focusing on the content of Common Core Curricula as well as SAT preparatory work. Reading is stressed heavily for freshmen. Writing and the process of analysis is also a focus. Literature in the form of poetry, the short story, Romeo and Juliet, and nonfiction.

**SPEECH COMMUNICATIONS:** The ability to effectively communicate verbally is not a skill that can be outsourced. This course will give you an opportunity to practice and hone your verbal communication skills through various speech projects including assigned speeches, interviews, and storytelling. Students will learn about the role of communication in our lives, the communication model, spatial relationships, delivery styles, and the effectiveness of language, gestures, and organization techniques.

**ENGLISH 10:** A general survey of English language communication skills, vocabulary, grammar and mechanics, essay writing etc. Also, reading comprehension, as well as analyzing and responding to literature will be a strong focus of this course. Independent reading is also required during each semester.

**HONORS ENGLISH 10:** A continued survey of the English language, including literature, usage, mechanics, writing, vocabulary, and small group discussions. Advanced grammar and vocabulary are combined with an in-depth approach to all areas. Students will be required to read at least two books during the summer. This class is open to all interested students. All students are welcome to apply through submission of a writing sample and must complete summer reading to continue in the class in the fall.

**BROADCASTING:** Broadcasting is a performance-based class in which students will learn all aspects of producing a daily news program. Prerequisite technical skills are necessary and can be acquired by enrolling in "Digital Theatre." In Broadcasting, students will have the opportunity to develop, shoot, write, edit, and produce a variety of stories that will be aired on the high school's closed-circuit CSPN News. Prerequisite: Digital Theatre

**CREATIVE WRITING:** Focuses on a study of various forms of genres and writing. Literary works will serve as models through analysis, application, and imitation. It is a course designed for students who wish to improve their composition skills and become better writers. By-products of the class may include but are not limited to the school newspaper, a literary magazine, and hardcover publication/copyright of personal essays. This class may be repeated once, as long as not in the same school year.

**MME/ACT/SAT PREP:** Will utilize available resources (both print and online) to prepare and practice for all subjects of the MME tests. Offered first semester only. This course does *not count as an English credit* and is also listed under the Math, Science, and Social Studies Departments.

**YEARBOOK:** Students in this class are responsible for marketing, designing, and producing the high school yearbook, the Zenith. Students will acquire useful and career-oriented skills through their involvement in many aspects of Yearbook publication including journalistic writing techniques, photography, design, layout, salesmanship, accounting, and organizational principles. Writing (with an emphasis on good reporting, gathering accurate information, and presenting clear, creative, and clever ideas) is an instrumental part of the course. Completing an application and providing at least TWO teacher recommendations are required. This class may be repeated with instructor approval. Maximum enrollment in this class is 16 students. **This class is open to ONLY 10<sup>th</sup>-12<sup>th</sup> graders with an overall GPA of 3.0 or higher.**

**ENGLISH 11:** Surveys the writings of major British authors, literary themes and British society and seeks to instill appreciation of the literature and history of that nation. Focuses on writing, grammar, and vocabulary, as well as ACT preparation.

**HONORS ENGLISH 11:** In addition to what is listed for the survey of British literature in English 11, students will practice extensive critical analysis of literature, including both student- and teacher-selected texts of literary merit. Students may be required to read two novels over the summer and one additional independent-study novel per marking period. The list for these books will be determined by the College Board Curriculum. All students are welcome to apply through submission of a writing sample and must complete summer reading to continue in the class in the fall.

**COLLEGE WRITING:** Aids those students who are planning to attend a college or university to cope with the demands of writing many types of essays and the high writing proficiency expectations at the college level. Students will write several different types of essays in both MLA and APA style, including summary and response, narration, compare/contrast, cause/effect, and a final research paper. Successful completion of English 9 and English 10 is imperative for success in this course.

**ENGLISH 12:** The first semester is a study of English literature, short stories, and current articles from various sources. Included in the literature unit are Night and The Book Thief. Time is spent on vocabulary study and writing about literature. The second semester includes the study of additional short stories and articles as well as the non-fiction reading project which includes an annotated bibliography. The senior memory book/portfolio (which must be completed to earn credit in English 12) and several essays will be written during both semesters. Career and college readiness skills are also an integral part of Senior English. Reading outside the classroom is encouraged for success in this class.

**ADVANCED PLACEMENT LITERATURE/COMPOSITION:** It is expected that students who have received a 24+ on the ACT or equivalent SAT score. It is a high college-level course offering students an in-depth knowledge of literary characters and themes. Students will write compositions in response to interpretive exercises to expound on given literary selections; write critical essays that explain poetry; interpret, in discussion, selected novels and complimentary plays; develop and practice procedures for answering objective and subjective test items such as those appearing on the Advanced Placement Exam in English Literature and Composition; complete and evaluate two recommended novels during the summer months; and present orally and visually, through the use of available media, selected poetry. **Required:** Summer reading. **Recommended:** Honors English 10 and 11 strongly recommended.

## HEALTH/PHYSICAL EDUCATION DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
HEALTH	10	.5
SPORTS ACTIVITY	9-10	.5
FITNESS	9-12	.5
ADVANCED SPORTS ACTIVITY	10-12	.5
INTRODUCTION TO COACHING	10-12	.5
WEIGHT TRAINING	10-11	.5

### DEPARTMENT INFORMATION

All students are required to pass Health and either Sports Activity or Fitness.

**Only one PE class may be taken per semester.**

**HEALTH:** A required class designed to help students adjust to high school by learning about healthy living through various aspects of physical and mental health. Self-awareness, self-management and study skills will be taught. Decision-making skills focusing around behavior, academics, and careers are a component of this class.

**SPORTS ACTIVITY:** A number of team sports and individual sports are offered including basketball, volleyball, softball, flag football, tennis, badminton, etc. Students will be required to complete physical fitness testing.

**FITNESS:** This class is for the students who would like to enhance their cardiovascular endurance in a non-competitive environment. Students will participate in a number of activities to improve overall fitness and self-esteem, but at a pace that fits individual ability.

**ADVANCED SPORTS ACTIVITY:** Students will participate in tournaments in a variety of team and individual sports. Basketball, flag football, badminton, softball, and tennis are a few of the sports that will be covered. This class may be repeated with instructor approval. **Prerequisite:** Sports Activity

**INTRODUCTION TO COACHING:** Basic knowledge of rules of at least 2 major sports is required. Class offers a mix of traditional classroom instruction with learning in a competitive environment to explore in depth rules and strategy of major team sports. Students will learn to develop plays and compete as well as explore sportsmanship and the ethics surrounding sports. Useful for students interested in careers in coaching, communication, management, recruiting, etc. **Prerequisite:** Sports Activity or Aerobics

**WEIGHT TRAINING:** Designed for the student who is serious about personal health, fitness, and strength development. It will consist of various units in health including nutrition related to building strong muscles, the effect of drugs and rapid weight loss, weight lifting, including circuit training and power lifting, and drills to increase speed and agility. This course will follow a certified health program. This class may be repeated with instructor approval. **Prerequisite:** Sports Activity or Aerobics



## INDUSTRIAL TECHNOLOGY DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
WOODS 1**	9-12	.5
WOODS/CABINET MAKING	9-12	.5
WOODS/MANUFACTURING	9-12	.5
WOODS/SPORTING GOODS	9-12	.5
METALS 1**	9-12	.5
METALS MACHINING	9-12	.5
METALS WELDING & FABRICATION	9-12	.5
METALS MACHINING 2	10-12	.5
METALS WELDING & FABRICATION 2	10-12	.5
PLASTICS 1	9-12	.5
PLASTICS 2	9-12	.5 (.5 Science)
CAD 1*	9-12	1.0
CAD 2*	10-12	1.0
CAD 3*	11-12	1.0
CAD 4*	12	1.0
MEPP PREP	12	.5

\*This class can count as a computer credit as long as not being used as a VPAA credit.

\*\*Woods 1 and Metals 1 require a fee for materials.

All Industrial Technology classes will satisfy the VPAA requirement.

Metals, Woods, Plastics, and CAD all qualify for various math credit and/or math related experience. Please see the Math Department section for specifics.

### DEPARTMENT INFORMATION

Students are required to purchase at cost those projects they wish to keep. Students interested in careers in the areas of Engineering/Manufacturing and Industrial Technology should enroll in classes in sequential order.

All Industrial Technology classes may be used to satisfy the VPAA requirement.

### INTRODUCTORY COURSES

**WOODS 1: Recommended proficiencies:** basic math skills. This is an introductory and exploratory course that teaches the fundamentals of wood working. Students will demonstrate proper use of basic woodworking hand and power tools and learn basic wood finishing techniques. Students will learn the different varieties of woods used for wood finishing. Each student is required to construct a series of products which will increase skill and knowledge of the various woodworking machines including table saw, joiner, planer, lathe, cnc, and laser engraver.

**WOODS MANUFACTURING:** Students will learn the basic skills related to woods manufacturing. They will demonstrate lean manufacturing techniques, work with skill development, product development (prototyping), marketing, and production. Jigs and fixtures will be designed, built and used in the manufacturing process/mass production. **Prerequisite:** Woods 1

**WOODS/CABINET MAKING:** Students will learn advanced techniques in shaping, fastening, and finishing related to wood working. Course includes machine maintenance, skill development, safe and accurate set-up and operation of power wood working equipment and techniques used in the furniture industry. **Prerequisite:** Woods 1

**WOODS/SPORTING GOODS:** Students learn and demonstrate techniques for producing products related to sporting goods, i.e. canoes, fishing poles, bows, duck calls, etc. Students may also work on individual products in this area. CAD not required but helpful. **Prerequisite:** Woods 1

**METALS 1:** Students will apply metal working technologies by demonstrating proper safety and forming techniques. Students will design, problem solve, and present a metal working project. Students will identify, demonstrate and perform the best forming technique while creating a product. Processes developed will include the following; blueprint reading; arc welding; mig welding; spot welding; plasma cutting; cutting torch; sheet metal working; powder coating; gas brazing; gas puddling; gas filler rod; aluminum foundry work; lathe machining; and foam casting.

**METALS MACHINING:** Students will demonstrate proper machine operation and safety procedures. They will demonstrate proper hand tool operation and precision measuring techniques. They will demonstrate the proper machining operations of various metal working machines including the lathe, milling machine, grinder, drill press, cnc mill, and cnc plasma cutter. They will show an understanding of materials used for metal working processes. **Prerequisite:** Metals 1

**METALS WELDING & FABRICATION:** Students will demonstrate proper machine operation and safety procedures used in a welding and fabrication environment. They will demonstrate the proper techniques used for arc welding, mig welding, tig welding, gas welding and the cutting of metal. They will demonstrate the skills used in sheet metal fabrication including cutting, bending, forming and fastening while creating a product. **Prerequisite:** Metals 1

**METALS MACHINING 2:** CNC machining is a high demand technical field. Students will design, troubleshoot and produce products made by a CNC lathe and mill. Students will continue to build on CNC programming, machine set up and operation of the CNC mill and lathe. Student will also have the opportunity to become NIMS certified. **Prerequisite:** Metals 1 and Metals Machining

**METALS WELDING & FABRICATION 2:** Students learn and demonstrate manufacturing techniques used in Metals Fabrication. Students work on individual projects. CAD not required but helpful. **Prerequisite:** Metals 1 and Metals Welding & Fabrication

**PLASTICS 1:** Students will build on the concepts of plastics processing, the different types of plastics, the chemical make-up of plastics and apply these concepts while demonstrating different forming processes. They will design, develop, analyze, and troubleshoot in the forming of a plastic product. Plastics will be observed for why they are used and for what application. Students will create, evaluate, and exhibit a product for the MITES competition.

**PLASTICS 2:** This is a one-semester course which may be counted as either a .5 VPAA or .5 Science credit. Advanced techniques in the forming and manufacturing of plastic products. Injection molding, blow molding, thermoforming and extrusion will be emphasized. Students will research, design, develop and produce a finished product. Careers in the plastics industry will be explored along with required hours of job shadowing. Students are required to submit one MITES project. **Prerequisite:** C- or better in Plastics 1

**CAD 1 (Introduction to Manual and Computer-Aided Drafting):** An introductory and exploratory course that teaches the fundamentals of drafting. Students will learn to interpret and create industrial drawings by using sketching techniques, manual drafting, 2D, and 3D CAD software to create single and multi-view drawings. Students will learn proper sketching techniques, print reading, equipment usage, geometric constructions, and measuring skills. Students will create single-view drawings, multiview drawings, isometric drawings, and architectural drawings (including floor plans, elevation plans, wall sections, and site plans). Students will learn proper view position, sketching, orthographic projection, isometric drawing, geometric constructions, auxiliary views, section views, dimensioning, Geometric Dimensioning and Tolerancing (GD&T), and threads and fasteners. A strong emphasis is placed on print reading, measuring, reading scales, and working with decimals and fractions. **Prerequisite:** None

**CAD 2 (Parametric Modeling with Solidworks(3D):** Students will learn to use a parametric computer aided design system to generate 3D parts, assemblies, and detail drawings. This course will be an introduction to the SolidWorks software and will cover the basics of parametric solid modeling. This course will guide you from the creation of basic solid models to building intelligent mechanical designs. This course will assist the student in preparing for the Certified SolidWorks Associate (CSWA) Exam. **Prerequisite:** CAD 1

**CAD 3 (Advanced Part Modeling):** Students will learn advanced drawing techniques in SolidWorks 3D CAD software including advanced part modeling, revolved, swept, and lofted parts, assembly modeling, reverse engineering, top-down design, surface modeling, tool boxes and design libraries, animation, sheet metal parts, weldments, die design, and 3D printing. This course will build upon the material covered in CAD 2 and will also assist the student in preparing for the Certified SolidWorks Associate (CSWA) Exam. **Prerequisite:** CAD 2

**CAD 4 (Introduction to Die Design):** An advanced course in the basic fundamentals of sheet metal stamping dies. Stamping dies are specialized, precision-made tools designed to perform three distinct types of work on a piece of sheet metal: forming, cutting, or folding. The die draws energy from the press into the workpiece to cut, fold or stretch the sheet metal into the desired form. Students will learn die design terminology, tools of the die designer, types of presses, and types of dies. A sample die will be studied and designed by the student. Catia and Unigraphics NX 3D CAD software will be utilized. **Prerequisite:** CAD 3

**MEPP PREP:** This class is a preparatory class for the Manufacturing Engineering Partnership Program (MEPP) but *is not* required to enter into the MEPP program. This program is described in more detail in this catalog as well as on our school website. The program gives students the opportunity to interview with manufacturing business partners for a variety of employment opportunities with the potential for tuition reimbursement for college. In the MEPP Prep class students will explore manufacturing and engineering careers and will be introduced to multiple different MEPP business partners. Student will be required to tour at least 3 businesses before or after regular school hours and provide their own transportation. Time spent outside of class may be used in exchange of class time. Students will create professional grade cover letters and resumes and learn interviewing skills. Students will also be introduced to 14 different concepts in Lean techniques.

## MATHEMATICS DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
ALGEBRA 1	9-10	1.0
ALGEBRA 1 – All Male or All Female	9-10	1.0
GEOMETRY (Prerequisite: Algebra 1)	9-10	1.0
ALGEBRA 2	10-11	1.0
ALGEBRA 2C (Prerequisite: Geometry)	10-12	.5
MME/ACT/SAT PREP*	11	.5
PERSONAL FINANCE (Prerequisite: Algebra 2 or 2C)	11-12	.5
STATISTICS (Prerequisite: Algebra 2 or 2C)	11-12	.5
PRE-CALCULUS (Prerequisite: B in Algebra 2)	11-12	1.0
AP STATISTICS (Prerequisite: B in Algebra 2)	11-12	1.0
AP CALCULUS (Prerequisite: B in Pre-Calculus)	12	1.0

\*Not a math credit

### DEPARTMENT INFORMATION

- All high school math classes will be assigned by the math department.
- Four math credits are required for all students. These credits must include Algebra 1, Geometry, and Algebra 2 (or its equivalent).
- You will need special permission if you wish to take a class without meeting the prerequisite first.
- Students planning a career in mathematics or physical science-related fields should complete Pre-Calculus and AP Calculus.
- Students wishing to take two math classes concurrently need approval from the Math Department.
- Students who have completed 4 credits of math by the end of junior year must still take math or math related credit their senior year.

**ALGEBRA 1:** The focus of this course is on the study of functional relationships and their uses in solving problems. Organizing data and numerical patterns are also covered. Students will learn to work with quantities that vary and they will learn to express relationships between quantities graphically, symbolically and in other ways. Strong emphasis is given to connecting problem solving to real world experiences.

**ALGEBRA 1-All Male or All Female section:** Students will attend class with only their gender, in order to benefit from research-based, single-gender strategies. The content of this course will not vary from that of other Algebra 1 sections.

**GEOMETRY:** Proof is developed using different formats. The course includes coordinate, transformational, and vector approaches to geometry and strong emphasis is given to connecting geometry to real world applications. **Prerequisite:** Algebra 1

**ALGEBRA 2:** Topics include linear functions, quadratics, powers, roots and radicals, polynomial functions, systems of equations, probability and statistics, trigonometry, sequences, complex number and algorithms. Students will be involved in problem solving approaches in a real world setting.

**ALGEBRA 2C:** This is specifically for students who started the Algebra 2A/B/C series and now need Algebra 2C to finish the sequence. No new students will start the A/B/C series. **Prerequisite:** *Successful completion* of Algebra 2A/B

**MME/ACT/SAT PREP:** Will utilize available resources (both print and online) to prepare and practice for all subjects of the MME tests. Offered first semester only. This course *does not count as a math credit* and is also listed under the English, Science, and Social Studies Departments.

**PERSONAL FINANCE:** A course to teach students how to establish a budget, understand different types of investments, set and achieve financial goals, and understand different types of loans. **Prerequisite:** Algebra 2 or Algebra 2A & 2B

**STATISTICS:** A one-semester course that uses data from sports to enable students to grasp important concepts in statistics. Topics

include descriptive statistics, probability, estimation, hypothesis testing, and linear regression. **Prerequisite:** Algebra 2 or Algebra 2A, 2B

**PRE-CALCULUS:** Designed to prepare students for the study of college level mathematics including a future study of calculus. Content includes: trigonometric applications, the polar coordinate system, the conic sections, statistics, discrete mathematics, matrices, mathematical induction, and limits. **Prerequisite:** B or better in Algebra 2

**AP STATISTICS:** Topics include descriptive statistics, probability, estimation, hypothesis testing, and linear regression. Course content is designed to prepare students for the Statistics Advanced Placement test. **Prerequisite:** B or better in Algebra 2

**AP CALCULUS:** Topics include the limit of a function, the derivative and its application, integration with application, and using calculus to solve real world problems. Course content is designed to prepare students for the Calculus Advanced Placement Test. **Prerequisite:** B or better in Pre-Calculus

## **Math Requirement Terms You Should Know**

**“required math”** = Algebra 1, Geometry, Algebra 2 (or Algebra 2A, 2B, and 2C)

**“math credit”** = Algebra 1, Algebra 2, Geometry + Personal Finance, Statistics, AP Statistics, Pre-calculus, AP Calculus, Baseball Math (on-line), Tech Center Math. **Math credit** can also be gained within specific Technical Department sequences. A total of 4.0 credits of math are required for graduation.

**“math-related experience”** = a class that can be taken senior year AFTER 4.0 **math credits** have been earned AND all **required math** classes have been completed. Per state requirements, a minimum of .5 credits of **math credit** or a **math related experience** must be taken senior year. **Math related experience** classes include any CAD class, any metals class, any woods class, any plastics class, and Accounting. **Math related experience** classes DO NOT count as **math credit**.

### **Math Credit and Math-Related Experiences Available Through Technology Department**

#### **CAD Sequence for Math Credit**

A student who completes *CAD 1* and *CAD 2* will gain a .5 math credit upon successfully completing these classes. Individually, *CAD 1* and *CAD 2* may also count as a MATH-RELATED EXPERIENCE in the senior year.

#### **CAD Sequence for Math Related Experience**

A student who completes *CAD 3* and *CAD 4* will gain a .5 VPAA credit upon successful completion of each class. Each class may also be counted as MATH-RELATED EXPERIENCE in the senior year.

#### **Metals Sequence for Math Credit and Math Related Experience**

A student who completes three semesters of Metals electives will receive .5 math credit. Each Metals elective beyond Metals 1 may also count in the senior year as a MATH-RELATED EXPERIENCE.

#### **Plastics Sequence for graduation credit and Math Related Experience**

Plastics 1 will each receive a .5 VPAA credit. Plastics 2 will receive a .5 SCIENCE CREDIT. Each may also count as a MATH-RELATED EXPERIENCE in the senior year.

#### **Woods Sequence for Math Credit and Math Related Experience**

A student who completes three semesters of Woods electives will receive .5 math credit. Each Woods elective beyond Woods 1 may also count in the senior year as a MATH-RELATED EXPERIENCE.

## PERFORMING ARTS DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
BAND	9-12	1.0
JAZZ BAND	9-12	1.0
MEN'S CHOIR	9-12	.5
BELLA VOCE	9-12	1.0
CONCERT CHOIR	9-12	.5 or 1.0
INTRO TO PIANO	9-12	.5
SHOW CHOIR	10-12	1.0
TECH THEATRE & DESIGN	9-12	.5
THEATRE 1 & 2	9-12	.5
DIGITAL THEATER	9-12	.5

### DEPARTMENT INFORMATION

Attendance is required at all scheduled performances unless excused prior to performance in accordance with Board policy. All of the performing arts classes may be used to satisfy the VPAA requirement.

**BAND:** Begins in the fall as part of the high school marching band. Students are required to attend a short band camp during the month of August. Times and dates will be given to students in early June so that families can plan accordingly. Members must have previous band experience or instructor approval. This group will have a performance schedule of all required varsity football games, all required concerts and festivals, Memorial Day Parade and the C.H.S. graduation ceremony. The music played will present the challenge of rehearsal and performance at the high school level, with the goal of helping students grow into strong performers and knowledgeable consumers of music.

**JAZZ BAND:** A select group of students that will study and perform jazz music. Topics will include, jazz history, styles, improvisation, interpretation, and performance. The music played will consist of complex rhythms and advanced voicing for each instrument section. This is a performance class and all performances are required. Students will get a schedule of events at the beginning of the year, which will include dates for concerts, assemblies, and jazz festivals. Instructor approval needed for enrollment.

**MEN'S CHOIR:** Group development of the singing technique of the teenage male voice in a performance medium will be taught. Offered first semester only. Audition or teacher recommendation required.

**BELLA VOCE:** Group development of the singing technique of the teenage female voice in a performance medium will be taught. Bella Voce is offered the full year and is an advanced women's ensemble. A uniform will need to be purchased. Audition or teacher recommendation required.

**CONCERT CHOIR:** Group development of the singing technique of the teenage voice in a performance medium will be taught. This class may be taken both semesters. Required performances are a part of the class work and as such are a part of the class grade.

**INTRO TO PIANO:** Teaches the fundamentals of piano technique and music reading.

**SHOW CHOIR:** This advanced choral ensemble will be a small, select group of individuals, sophomore and above, that will perform with both song and dance at festivals, concerts, and community and school events. Repertoire will be focused on advanced styles of choral music. Please note that any costumes required for performing will be purchased at the cost of the student. Audition required.

**TECH THEATRE & DESIGN:** This class is a hands-on introduction to the technical and design world of theatre. Course content will cover set, sound, light and video design along with the technical requirements needed to implement the covered design areas. As part of the class requirement, students will learn through experience by participating as crew for a few events and activities that take place in the school's theatre. This class may be repeated with instructor approval.

**THEATRE 1:** This class is an introduction to theatre through various exercises, games and activities. Students will learn about improv, character development, stage presence, audition techniques, script analysis along with performing monologues and scenes. Students interested in taking this course can expect to leave the class with a basic knowledge of theatre but more importantly a better sense and comfort of presenting themselves in front of others including job interview situations and class projects.

**THEATRE 2:** This class is a performance based class with emphasis on taking a piece from page to stage. Students interested in this course can expect to leave the class with a deep knowledge of the process of bringing a play to the stage. This class may be repeated with instructor approval. **Prerequisite:** Theatre 1

**DIGITAL THEATER:** Students gain hands-on experience by writing, directing, and editing their own digital projects. The course is designed to give each student an overview of the many aspects of the motion picture industry, including writing, producing, directing, lighting, shooting, sound recording, and editing. This is achieved partially through lecture time, partially through critiquing the work of other filmmakers including fellow classmates, and partially through hands-on production. Through this process, they not only gain a valuable and marketable skill, but will have strengthened their thinking skills by learning to think abstractly and conceptually. This class may be repeated with instructor approval. Maximum enrollment in this class may be limited by the availability of technology.



## SCIENCE/AGRISCIENCE DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
AGRISCIENCE/APPLIED BIOLOGY*	9-11	.5
BIOLOGY	9	1.0
PLASTICS 2	9-12	.5
FORENSIC SCIENCE	9-12	.5
CHEMISTRY 1***	10-12	.5
CHEMISTRY 2	10-12	.5
AP CHEMISTRY	11-12	1.0
PHYSICS 1**	10-12	.5
PHYSICS 2	10-12	.5
AP PHYSICS 1	10-12	1.0
AP PHYSICS 2	11-12	1.0
NATURAL RESOURCES*	9-12	.5
ZOOLOGY*	9-12	.5
BOTANY 1*	9-12	.5
BOTANY 2*	10-12	.5
MME/ACT/SAT PREP*****	11	.5
ANATOMY & PHYSIOLOGY	11-12	1.0
ENGINEERING 1*	11-12	.5
ENGINEERING 2*	11-12	.5
AP BIOLOGY	11-12	1.0

\*This class may be used to satisfy the VPAA requirement.

\*\*This class is required for graduation or its AP equivalent.

\*\*\*This class is required for graduation.

\*\*\*\*This class is not a science credit.

### DEPARTMENT INFORMATION

**AGRISCIENCE/APPLIED BIOLOGY:** An orientation to the principles/procedures involved in today's industry. Studies include agriculture technology, natural resource development, environmental systems, basic plant and animal technologies, student leadership, and career exploration.

**BIOLOGY:** Lab science course. Topics included are cell biology, genetics, botany, microbiology, invertebrates, and humans. Some project work, readings, and dissections are required.

**PLASTICS 2:** This is a one-semester course which may be counted as either a .5 VPAA or .5 Science credit. Advanced techniques in the forming and manufacturing of plastic products. Injection molding, blow molding, thermoforming and extrusion will be emphasized. Students will research, design, develop and produce a finished product. Careers in the plastics industry will be explored along with required hours of job shadowing. Students are required to submit one MITES project. **Prerequisite:** C- or better in Plastics 1

#### **FORENSIC SCIENCE:**

This course will be a mixture of interesting science topics such as forensics, astronomy, geology, and climate.

**CHEMISTRY 1 & 2:** Chemistry 1 topics include matter, behavior of gases, atomic structure, the periodic table, chemical nomenclature, and the basics of chemical reactions. Students will gain a basic understanding of how chemistry impacts their daily lives, basic chemical safety, and uses of chemistry in the community. Chemistry 1 is required for graduation. Chemistry 2 is recommended for students who want to be prepared for college chemistry. Topics in Chemistry 2 include a more in depth discussion

of chemical reactions, stoichiometry, chemical bonding, and acids/base chemistry. Other advanced topics will be included. Students must take *either* Chemistry 2 *or* Physics 2 for graduation. Chemistry 1 must be taken before Chemistry 2.

**AP CHEMISTRY:** This course is equivalent to a college level general chemistry course. This course is designed around the six big ideas established by the AP College Board in order to prepare students for the AP Chemistry Examination. The class will contain at least 16 labs, many of which will be inquiry based. A student that passes AP Chemistry will be very well prepared for college level chemistry, and may earn college credit based on their score on the AP Chemistry Examination. **Prerequisite:** B or better in Chemistry 1 and Chemistry 2

**PHYSICS 1 & 2:** Physics 1 is an in-depth study of motion (straight and circular) and dynamics. Physics 2 studies light, sound, heat, electromagnetism, electricity, electronics, gravitational and mechanical energy, and nuclear topics. Students must take *either* Chemistry 2 *or* Physics 2 for graduation. **Prerequisite for Physics 1:** Algebra 1. **Prerequisite for Physics 2:** Physics 1

**AP PHYSICS 1:** AP Physics 1 is the equivalent of a two-semester introductory college-level course and may be used to satisfy the Physics 1/Physics 2 graduation requirement. Successful completion of this course prepares students for the AP Physics 1 Exam. This course covers three major curricular areas: Newtonian mechanics, waves, and electricity. AP Physics 1B requires a serious commitment from students. This class will be conducted primarily through inquiry based laboratory experiments and problem solving activities, reinforced with class discussion. Students should be prepared to devote a significant amount of time to working on problem sets and writing lab reports. **Prerequisite:** Can be taken concurrently with Algebra 2 or completed Algebra 2C. Must have strong math skills.

**AP PHYSICS 2:** AP Physics 2 is the equivalent of a two-semester introductory college-level course. Successful completion of this course prepares students for the AP Physics 2 Exam. This course covers six major curricular areas: thermodynamics, fluid mechanics, electrostatic fields, electromagnetism, optics, and modern physics. AP Physics 2 requires a serious commitment from students. This class will be conducted primarily through inquiry based laboratory experiments and problem solving activities, reinforced with class discussion. Students should be prepared to devote a significant amount of time to working on problem sets and writing lab reports. **Prerequisite:** AP Physics 1 and Algebra 2.

**NATURAL RESOURCES:** The concepts of preservation and conservation are the basis of this course and will be explored extensively. The importance of our natural resources will be studied by examining the use of land, water, forests, energy, and minerals. Students will look at the history of management of these resources as well as the impact on outdoor recreation and fish and wildlife species. Students will be expected to participate in a variety of activities, both indoor and out.

**ZOOLOGY:** Animal related studies that will include large animals such as livestock and small animals such as birds, rodents and reptiles. Nutrition, anatomy, management, and health sciences will be examined. Hands on projects, speakers and presentations will be an integral part of this course. This course is recommended for anyone considering health or veterinary related sciences.

**BOTANY 1:** A hands on class designed to instruct students about the industry of horticulture and plant growth. The basics of plant structure, floriculture, field production and related areas will be studied. Plant pests, disease, nutrition and marketing will be covered. Students will work in the greenhouse.

**BOTANY 2:** Students will explore interests and develop skills relative to the operation of either a greenhouse or landscaping company. Work will include hands-on plant production and design of personal projects. Taking Botany 1 prior to this class would be helpful although not mandatory.

**MME/ACT/SAT PREP:** Will utilize available resources (both print and online) to prepare and practice for all subjects of the MME tests. Offered first semester only. This course does not count as a Science credit and is also listed under the Math, English, and Social Studies Departments.

**ANATOMY & PHYSIOLOGY:** Provides a detailed study of the structure and function of the human body including defects and diseases. Laboratory work includes, but is not limited to: cellular studies, cat dissection, physiological studies, histology, osteology. Anatomy and Physiology is recommended for the student interested in the medical field or anyone with a strong interest in biological sciences. **Prerequisite:** C or better in Biology and Chemistry 1

**ENGINEERING 1:** An advanced hands-on, problem solving course where students will use cooperative learning, team functioning, and the scientific method to solve various problems. A student taking this course should have a strong interest in engineering, science, computers, math, and technology. **Prerequisite:** Geometry

**ENGINEERING 2:** A hands-on, problem solving course where students will use cooperative learning, team functioning, and scientific methods to solve various problems relating to the Electrathon competition, or other various competitions. The student taking this class needs to be able to work independently and be highly motivated. This course does not count as a science credit for graduation purposes.

**Prerequisite:** Engineering 1

**AP BIOLOGY:** Equivalent to an introductory college biology course being taught at the secondary level. This course is designed specifically for those students who are preparing for advanced work in biology or other sciences upon entering college. The topics covered are organisms and populations, molecules and cells, and ecology and evolution. A student that passes AP Biology should have the skills necessary to deal with the ever-changing world of biology. Course content is designed to prepare students for the AP Biology exam.

## SOCIAL SCIENCE DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
AMERICAN HISTORY	9	1.0
WORLD HISTORY	10	1.0
AP WORLD HISTORY	10-12	1.0
MME/ACT/SAT PREP*	11	.5
ECONOMICS	11	.5
AMERICAN GOVERNMENT	11	.5
AP US GOVERNMENT & POLITICS	11-12	1.0
LEADERSHIP	11-12	.5
MODERN AMERICAN HISTORY	11-12	.5
SOCIOLOGY	11-12	.5
CURRENT ISSUES	11-12	.5
PSYCHOLOGY	11-12	.5
AP PSYCHOLOGY	11-12	1.0
AP AMERICAN HISTORY	11-12	1.0
INTRODUCTION TO TEACHING	12	.5

\*Not a Social Science credit

### DEPARTMENT INFORMATION

Three credits are required for graduation: American History, World History, Government and Economics.

**AMERICAN HISTORY:** Traces our American heritage from post-Civil War to present day. Historical events will be continually related to present day America with greatest emphasis placed upon 20th century history. The course will provide students with the basic everyday knowledge that will help them better understand their national heritage.

**WORLD HISTORY:** Designed to develop an awareness of other people, cultures, and religions. The effects of religion, war, culture and major and current events in relation to world history will be emphasized.

**AP WORLD HISTORY:** AP World History is a demanding class which focuses on the interaction between diverse cultures and societies over the past 10,000 years. This course is designed to help students achieve a greater appreciation for and understanding of how the interactions of these cultures and societies have shaped one another and the world in which we live today. This course is designed for avid students of history and those interested in gaining college credit. The objective of this course is to draw together a group of students who read and write at an advanced level and have mastered the basics of listening, speaking, and critical thinking skills. The course will prepare students to take the College Board Advanced Placement World History test in the spring. Students will work with textbooks, primary source documents, and supplementary reading on specific themes throughout the school year. Class discussions, reading ahead, and writing will be major requirements. Can be taken IN PLACE OF regular World History.

**Prerequisite:** B- or Better in American History or Instructor Approval

**MME/ACT/SAT PREP:** Will utilize available resources (both print and online) to prepare and practice for all subjects of the MME tests. Offered first semester only. This course does not count as a social science credit and also listed under the Math, Science, and English Departments.

**ECONOMICS:** Emphasizes fundamental and microeconomic concepts. Students will gain knowledge in the areas of production, distribution, and consumption of goods and services.

**AMERICAN GOVERNMENT:** Examines our governmental system and the way in which people politically participate in it. Students will have an opportunity to study the various aspects of political behavior and the foundations of our system of government. The overall goal of the course is to better prepare the students to assume a responsible role in a democratic society.

**AP US GOVERNMENT & POLITICS:** This course will give students an analytical perspective on government and politics in the United States. AP Government & Politics includes both the study of general concepts used to interpret US policies and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US politics. The goals of this course are twofold: one, to provide students with the framework to score at least a 3 on the AP Government and Politics test in May and two, helping students to become informed, active and critical voters and participants in the political process for the rest of their lives. This is a 2 semester class; one semester will cover the Government requirement and the other counts as a Social Studies elective. **Prerequisite:** B- average in History and English classes. AP World History and Honors English 10 preferred.

**LEADERSHIP:** This course will look into the skills it takes to become an effective leader and a positive role model. You will dive into skills such as: character, discipline, responsibility, and self leadership. You will examine what it takes to become a positive leader and have opportunities for you to grow and serve as a leader.

**MODERN AMERICAN HISTORY: (1980's to the War on Terror)** Beginning with the Reagan Era of the 1980's and following through the Wars on Terror, we will analyze how the term of President Reagan impacted the continued development of the United States, both at home and abroad, how the Gulf War affected the United States as a world leader, and what problems were created as a result of our involvement.

**SOCIOLOGY:** Studies basic sociological understanding of human behavior, human societies, individuals and organizations of groups are analyzed. Topics covered include several contemporary social problems for example: cultures, inequality, poverty, gender issues, violence in media, etc.

**CURRENT ISSUES:** Provides the student with a better understanding of the events that are taking place. Students will have an opportunity to work with current events, applying to these the various tools of analysis that will lead to in-depth understanding. The students will have an opportunity to form and state their opinions, bring in their own values and ideals and compare them with those of other people.

**PSYCHOLOGY:** Emphasizes self-understanding and human behavior. It covers biology and behavior, perception, learning and thinking, intelligence, consciousness as well as abnormal behavior. The major psychological approaches: psychodynamic, humanistic, cognitive, behaviorist, and sociocultural are also introduced. Recommended for students who have strong social science skills and are planning to attend college.

**AP PSYCHOLOGY:** The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. This class is open to any student, regardless whether you have taken regular psychology or not. But remember, this is a college class with the expectation of increased reading assignments. **Prerequisite:** B- Average in Social Studies and English. Required summer assignment

**AP AMERICAN HISTORY:** A comprehensive, highly accelerated, survey course covering North American and United States history from discovery to the present. It is designed for avid students of American History and those interested in gaining college credit. **Prerequisite:** B- average in Social Studies and English.

**INTRODUCTION TO TEACHING:** This class is designed for students interested in entering the teaching profession. The first nine weeks will be a general overview of education topics, including special education, learning approaches, discipline tactics, and teaching styles. The second nine weeks will be spent in the day-to-day process of teaching, including preparation/teaching of a lesson and receiving a grade. (Not a Social Science credit) Student must have demonstrated an interest in teaching.

## WORLD LANGUAGE DEPARTMENT

<u>CLASSES</u>	<u>RECOMMENDED GRADE LEVEL</u>	<u>CREDIT</u>
SPANISH 1	9	1.0
SPANISH 2	9-10	1.0
SPANISH 3	10-12	1.0
SPANISH 4	11-12	1.0
AP SPANISH	12	1.0

### DEPARTMENT INFORMATION

World language courses give students an opportunity to learn about other countries and people by studying their language, civilization and culture. In today's world it is more important than ever to learn to communicate with other people in their own language.

**SPANISH 1:** Designed for students wishing to explore the Spanish language and cultures of the Spanish-speaking world. Students will begin to develop reading, writing, speaking and listening skills through presentation of vocabulary, grammar structures and discussion of cultural topics.

**SPANISH 2:** Reinforces the language skills of reading, writing, listening and speaking in Spanish. Grammar and vocabulary will be taught in the context of interesting stories, readings and conversations. Spanish 2 is primarily conducted in the target language. **Prerequisite:** B- average in Spanish 1 (exceptions may be made at teacher's discretion).

**SPANISH 3:** Reinforces the language skills of reading, writing, listening and speaking in Spanish. Communication between teacher and students will be conducted in Spanish. **Prerequisite:** B- average in Spanish 2 (exceptions may be made at teacher's discretion).

**SPANISH 4:** Reinforces the language skills of reading, writing, listening and speaking in Spanish while exploring the history, traditions and cultural icons of various countries. The course will also prepare students to use their Spanish in order to communicate with native Spanish speakers in our community. Communication between teacher and students will be conducted entirely in Spanish. **Prerequisite:** B- average in Spanish 3 (exceptions may be made at teacher's discretion).

**AP SPANISH:** Reinforces the language skills of reading, writing, listening and speaking while exploring the history, traditions and current world events. Communication between teacher and students will be conducted entirely in Spanish. Students will prepare for the AP Spanish exam through essay writing, presentational speaking, informal conversation, reading and listening to authentic sources. Students will be expected to spend about two hours weekly completing coursework outside of class. Summer work will be assigned to further develop proficiency prior to the start of the school year. **Prerequisite:** B- average in Spanish 4 (exceptions may be made at teacher's discretion).

Students wishing to learn a world language other than Spanish may take language courses online:

Arabic, American Sign Language, French, Mandarin Chinese, German, Japanese, Latin, Russian

\*Others may be available upon request.

## **TESTING OUT**

It is a requirement of the Michigan Merit Curriculum Law, Section 380.1278(a)(4)(c), to allow a student to earn credit if the student earns a qualifying score, as determined by the department, on an assessment developed for a specific subject area. Testing out is free and a student may test out of any required English, math, social studies, or science course. Credits earned under the testing out policy are not figured into the student's GPA, but appear as a "CR" on the transcript. Students may request to test out of a class that has been failed, a class that is currently in progress, or a class that the student has not yet taken. Only one attempt to test out of a specific class is allowed. A separate request form must be completed for each class/semester. Tests are designed to be rigorous and will cover material from the entire semester. Students are responsible for contacting the appropriate teacher to obtain preparation information. Students who prepare for the test have a better chance of passing. Note to home school students wishing to transfer credits to Coopersville High School: Beginning in 2009, high school credits can only be earned through the test out process.

**Deadlines for returning a completed "Request To Test Out" form to a counselor:**

May 1: For June Test Out

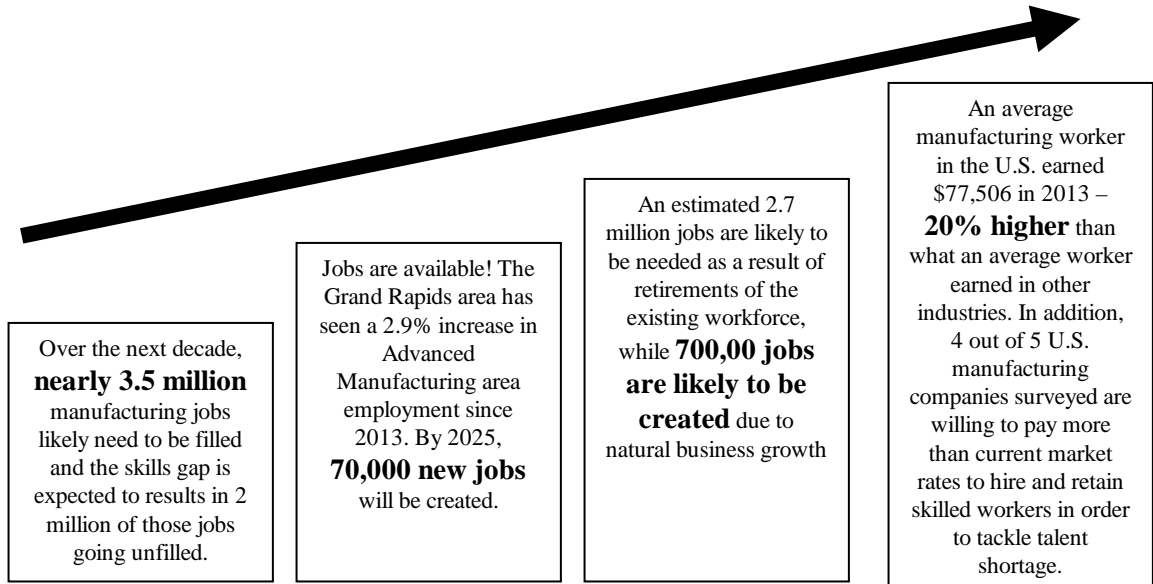
May 1: For August Test Out

December 1: For January Test Out

# MEPP

## *Manufacturing Engineering Partnership Program*

*For students who wish to enter the workforce directly after graduation for fulltime or part-time employment or summer internships with the potential of having a local business pay for college courses*



Coopersville High School has responded to the needs of the job market. We are one of very few high schools offering such an array of technology-based courses. The MEPP partners with local industry leaders to provide the following opportunities for our students:

- Hands-on experience with learn manufacturing concepts
- use of actual blue prints, equipment, and technology from the "real world"
- funding for CATIA and Solidworks texts for our CAD labs
- experience working side-by-side with practicing engineers to design and build our Electrathon racing cars
- teachers who are trained on the latest technologies
- internships
- job shadows
- extensive group plant tours
- intensive on-site technical training
- scholarships
- summer jobs
- post-graduation jobs
- college tuition reimbursement

### **A MEPP Student Must:**

1. Be a senior.
2. Take at least 4 tech classes and have a least 2 different tech teachers by spring of senior year.
3. Complete a MEPP application (provided by their tech teacher). They will be evaluated on academic performance, work ethic and quality of work. The top performing students will be accepted senior year.
4. In the spring of senior year, take two WorkKeys tests: Applied Technology and Listening.
5. Prepare resumes and cover letters to be presented along with a recommendation to participating business partners. Employers may contact the students for an interview.

**Although taking the MEPP Prep elective course is helpful before applying to the MEPP, it is not mandatory to being accepted into the program.**



## ONLINE/VIRTUAL COURSES

Virtual Learning is a non-traditional method of receiving instruction for courses that are taken via the Internet, or otherwise on a computer. These courses are offered during the school day as a scheduled class period with a certified teacher available and as credit recovery after school also with an onsite mentor. The vendor and provider of the on-line class will be selected by the school. The requirements for eligibility of an online course are:

- 1) The student must meet K-12 pupil membership eligibility requirements.
- 2) The course must be approved by the school board and department from which it is being offered.
- 3) Students must have access to a computer with the necessary requirements for completion of the course outside of school.
- 4) Any cost associated with online classes outside of tuition will need to be assumed by the student. Students should look carefully on [www.mivhs.org](http://www.mivhs.org) for complete information regarding requirements and prerequisites for any class of interest.
- 5) If the student is to remain a full-time, regular student, no more than two (2) on-line courses may be taken in any one (1) semester.
- 6) The course may be an elective or a required course for graduation.
- 7) A request for a specific course may be denied if the student has already earned credit for the same course, lacks the prerequisite, or is of insufficient quality or rigor.

In addition to these requirements, consider the following necessary skills to be an online learner.

- Communicates effectively in writing.
- Enjoys the challenge of learning independently.
- Is highly motivated and challenged by being in charge of his/her own learning.
- Demonstrates problem-solving skills and the ability to work through difficulties.
- Manages time well by prioritizing and establishing a personal schedule.
- Uses a personal computer and the Internet to access information and to communicate.

If a student is interested in enrolling in an online course, please make an appointment to speak with your counselor.

### Examples of Classes

American Sign Language  
Astronomy  
Bioethics\*  
French  
Business Ethics  
Global Issues  
Japanese  
Mathematics of Baseball\*\*  
Music Appreciation  
Native American History  
Oceans and their Ecosystems  
World Literature  
Preveterinary Medicine\*

Forensic Science (Introduction)\*  
Forensic Science (Advanced)\*  
Digital Photography  
Game Design  
German  
Chinese-Mandarin (1.0 Credit)  
Latin  
Entrepreneur Business Management  
Entrepreneur Business Planning  
Film Studies: American Film Survey  
Film Studies: Directors of the Golden Age  
Medical Terminology

Other courses available upon request and approval. Please visit [www.mivhs.org](http://www.mivhs.org) for complete course catalog.

### AP Courses:

AP Art History  
AP Chemistry

\*May be used as Science credit

\*\*May be used as math credit

## SPECIAL CLASSES – GUIDELINES AND FORMS

The following classes/programs are available to high school students that qualify. Each program has an application process, rules, regulations and guidelines that must be followed. Make sure you have completed all of the necessary paperwork before adjusting your schedule.

**Dual Enrollment:** Dual Enrollment allows students the opportunity to take college courses while attending high school. Full or partial tuition is paid by the high school, depending on the cost of the college course. CAPS will also cover the cost of books and materials, depending on the amount of state aid remaining after tuition is paid.

**Required:** CHS dual enrollment form and verification of enrollment. Must have counselor approval.

**Senior Internship:** This course allows seniors an opportunity to explore the Career Pathway in which they are interested and have been preparing to enter after high school. Students will be required to go through an interview process for selection. The experience includes 45 hours spent with an Intern Sponsor as well as academic requirements to round out a total of 70 hours to receive course credit. **Required:** Application and acceptance into program by coordinator in fall of senior year for semester two placement.

**Tech Center:** **Required:** Application and acceptance into program by counselor.

**Independent Study:** Taking classes not included in the regular curriculum. **Required:** Form completed by the supervising teacher and approved by counselor.

## Articulation Agreements

Articulation is a method of granting university-level course credit for learning and skills accomplished as part of secondary school instruction. In short, completion of a high school course with a B or better will be accepted by a college as being equivalent of taking a college course. The student must have successfully completed all outcomes listed for the course. The high school course would be listed on the college transcript as the title of the college course. Check with the individual college for other conditions of agreement.

<b>Coopersville High School</b>	<b>Davenport University</b>	
Accounting I	Accounting Foundations	4
American Government	American Government	3
American History and Modern American History	Modern U.S. History	3
Anatomy and Physiology	Essentials of Anatomy and Physiology	4
Business Law	Business Law Foundations	3
C++ Programming	C++ Programming 1	3
Chemistry 1 and 2	Foundations of Chemistry	3
Introduction to Business	Introduction to Business	3
Microsoft Office 1	Computer Foundations	3
Psychology	Introductions to Psychology	3
Spanish 1 and 2	Introduction to Spanish	3
Spanish 3	Intermediate Spanish	3
World History	Modern World History	3
<b>Coopersville High School</b>	<b>Grand Rapids Community College</b>	
Tech Theater	TH 261 Theater Technology 1	2
Advanced Tech Theater	TH 262 Theater Technology II	2
Computer Programming + C++	CIS 127 C++ Programming	3
CAD 1	EG 110 Industrial Graphics with CAD	3
CAD 2 & 3	DR 150 Introduction to SolidWorks	3
Plastics 1 & 2	MN 220 Basic Plastics Processing	4
<b>Coopersville High School</b>	<b>Muskegon Community College</b>	
Welding 1 + 2	W 101 Basic Welding	3
Drafting + CAD 1	CAD 100 Intro to Drafting	3
CAD 1	CAD 110 Intro to CAD	3
CAD 1 + CAD 2	CAD 135 Fundamentals of Industrial Drafting	3
Computer Applications	Bus 179 Keyboarding	1
<b>Coopersville High School</b>	<b>Michigan State University</b>	
Completion of State approved agriculture Food & Natural Resources Education Program and received a state FFA degree	General university credits	6

February 2018

Dear Students and Parents:

I am writing to make you aware of several dual enrollment options for our students. Students have been able to take academic track courses for several years. Act 258 of 2000, enables students to take some career and technical courses as dually enrolled courses as well.

Public Act 160 created the Postsecondary Enrollment Options Act, which directs school districts to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities, if the following conditions are met:

1. Students in grades 9<sup>th</sup> - 12<sup>th</sup> may take up to 10 postsecondary courses.
2. Students must qualify for dual enrollment by earning a minimum qualifying score on one of the required assessments (e.g. SAT, ACT, or ACCUPLACER).
3. Students must be enrolled in both the school district and postsecondary institution during the local school district's regular academic year and must be enrolled in at least one high school class. Dual enrollment is not available during the summer.
4. Students are limited to 6 college courses in 11<sup>th</sup> grade and 6 in 12<sup>th</sup> grade, not to exceed 10 total.
5. The local school district must not offer the college course(s). An exception to this could occur if the local board of education determines that a scheduling conflict exists, which is beyond the student's control. If a student has already completed the local school district's course(s), then a similar course may be taken at the postsecondary institution.
6. The local school district must not offer the course in an AP format.
7. The college course cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education.

Students who are in good academic standing, whose choice of course qualifies, and who are interested in these options, should meet with their counselor to get more information. The school district will pay a portion of the per pupil allowance for courses taken through dual enrollment. Parent and/or student will be responsible for payment of classes not covered by the district and/or for tuition reimbursement to the school district resulting from failure to complete dual enrollment class.

Please review the contents of this letter. If you would like more information, contact your counselor.

Sincerely,



Amanda Rennells  
Assistant Principal

## **Careerline Tech Center – Fall 2018**

Careerline Tech Center (CTC) provides career education to juniors and seniors in high school and offers the opportunity for students to gain skills and/or prepare for post-secondary education in one of 28 programs. Tech Center classes are free. Programs are offered Monday through Friday and students attend for a half day either in the morning or the afternoon. Interested students and parents can get more information on Careerline Tech Center by visiting the website at [www.careerlinetech.org](http://www.careerlinetech.org) or “like” us on Facebook.

Each year, CTC has an open house in October and again in February for parents and potential students to visit the programs and talk with instructors. In February, 10th and 11th grade students have the opportunity to visit programs at the Tech Center before selecting a program for the following year. CTC has articulation agreements with 21 area colleges and universities. Those agreements give students the chance to earn college credit while still in high school. Direct college credit may be an option for some students. Early college options allow students to enroll, while at the Tech Center, as a college student. All work is completed at CTC and is part of the standard curriculum. College credit is earned and placed on a transcript to follow students to the college of their choice upon high school graduation.

In addition, Careerline Tech Center will offer students in Engineering Design, Electrical, Mechatronics/Robotics and Welding the opportunity to enroll in an early college program in partnership with Herman Miller and Grand Rapids Community College. More information on the early college program is provided on our website.

While Tech Center credit is earned as electives, Tech Center students have the opportunity to receive academic credit (4<sup>th</sup> Year Math, 3<sup>rd</sup> Year Science, Visual/Performing Arts and an on-line learning experience). All academic credits may not be available in all programs. Check with your high school counselor.

Careerline Tech Center’s programs are organized by pathways, broad groupings of careers that share similar characteristics and whose employment/education requirements call for many common interests, strengths, and competencies.

### **Natural Resources and Agriscience Pathway**

**Agricultural/Animal Science** – Students will gain an awareness of environmental, horticultural, and animal sciences. Areas of study include sustainable agriculture, horticulture, and greenhouse systems as well as animal anatomy/physiology, nutrition, reproduction, and health.  
(Open to juniors and seniors, this is a one year program.)

**Natural Resources & Agriscience** – Students will explore the environment and how it’s impacted by human interactions. Areas of study include forestry, soil chemistry, plant and wildlife identification and ecosystems.  
(Open to juniors and seniors, this is a one year program.)

### **Arts and Communications Pathway**

**Graphic Design** – The fundamentals of drawing and design are combined with computer software skills to produce original graphic design work and illustrations. Computers are used to produce high quality projects that are assembled into a portfolio.  
(Open to juniors and seniors, this is a one year program.)

**Media Communications** – The focus of this program is production as students learn video production, editing, and broadcasting. Students learn to operate video cameras, sound and mixing boards, and lighting in a production studio and in remote locations.  
(Open to juniors and seniors, this is a one year program.)

**Printing & Imaging Technology** – Students learn all aspects of printing from graphic design to digital imaging to final printed product. In addition, students assemble and maintain a portfolio of their work.  
(Open to juniors and seniors, this is a one year program.)

### **Business, Management, Marketing & Technology Pathway**

**Culinary Arts** – Students learn about the hospitality field focusing on culinary and arts. They learn food and beverage production, nutritional values, proper cooking methods, sanitation.  
(Open to juniors and seniors, this is a one year program.)

**Business Management** – Students learn the functions of marketing, economics, promotion, distribution, finances, hospitality, running the school store, Port 31. Students collaborate on all areas of the business as a staff.  
(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

**Entrepreneurship & Global Business** – Students develop a business plan for their own businesses as well as manage a virtual, global business as a class.  
(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

**Pastry Arts & Baking** - Students learn to prepare cakes, cookies, breads, pies and other baked goods. In addition, there is a focus on customer service, business math and finance.  
(Open to juniors and seniors, this is a one year program.)

**PC & Network Technologies** – In PC & Network Technologies, our goal is to expose students to a well-rounded information technology curriculum which will allow them to make educated career and life decisions. Students learn skills in PC hardware and operating systems; network topologies, protocols, and operating systems; and Internet technologies. Successful completion of the program will result in opportunities for program and industry certifications.  
(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

**Web & Game Development** – Students can expect a fast, project-based environment for learning web, mobile, PC, and Xbox game development. Emphasis is placed on IT Core Fundamentals during year one. Second year students will choose a focus from Jr. Game Developer, Jr. Web Developer or Server Administration.  
(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

### **Engineering/Manufacturing and Industrial Pathway**

**Auto Body Repair** – Students gain skills needed to repair damaged vehicles by learning dent removal, welding techniques, body and frame alignment, panel replacement, surface preparation, estimating skills, and painting.  
(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

**Automotive Technology** – Students put classroom knowledge and training into action by applying their training to production work in the automotive lab. Among the services learned are tire service, tune-ups, electrical circuits, suspensions, brakes, and electronics. State of Michigan certifications are available to those who qualify.

(Open to juniors and seniors, this is a two year program.)

**Building Tech & Construction Management** – Students study all aspects of the construction industry including blueprint reading, framing, roofing, siding, masonry, and basic carpentry skills. Students gain experience by building the Tech Center project house. “Green” technology in building/construction is taught.

(Open to juniors and seniors, this is a two year program.)

**Diesel/Heavy Equipment Mechanics** – The operation, maintenance, and overhaul of diesel-powered equipment is learned, specializing in heavy equipment, trucking, and automotive applications. Second year students expand their knowledge of diesel-powered engines by working on actual customer equipment.

(Open to juniors and seniors, this is a two year program.)

**Electrical/Alternative Energy** – Students learn residential, commercial, and industrial electricity. Electrical theory, blueprint reading, conduit bending, wiring and lighting are included. Students also learn about renewable/sustainable energy sources.

(Open to juniors and seniors, this is a one year program.)

**Engineering Design & Machine Technologies** – Students obtain technology skills in engineering and machining. They build and test prototype parts and assemblies of products, tools, and machines used in the automotive, manufacturing, and construction industries. In addition to using the latest engineering and design software, students gain practical experience working with lathes, mills, and surface grinders.

(Open to juniors and seniors, this is a one year program.)

**Mechatronics/Robotics** – Students learn electronics, robotics, equipment controls and sensors, and programming used in electro-mechanical systems. Students design and build vex robotic systems and an electric race car.

(Open to juniors and seniors, this is a one year program.)

**Plumbing & Water Systems** – Residential and basic commercial plumbing, layout, and the design of plumbing systems are covered in this program. Students learn soldering and brazing of copper tubing and cutting, threading and grooving of steel pipe for gas and fire protection. Students gain actual experience at the CTC project house.

(Open to juniors and seniors, this is a one year program.)

**Welding** – Students learn the basics of welding including the design, layout and fabrication of metals, the identification of metal and alloy properties, and fluxcore and plasma arc cutting.

(Open to juniors and seniors, this is a two year program.)

## Health Sciences Pathway

**Advanced Healthcare** – In the Advanced Healthcare program, students build on health foundations learned in the first year. Advanced skills include: EKG (pulse points, EKG rhythms), dressing changes (sterile dressing changes, irrigating a wound), catheters, colostomy, pre/post operative care (pulse oximeter, breathing treatments), injection techniques (types of injections, injection sites), intravenous fluids (IV pump), and tracheotomy care.

(Open to seniors only, this is a one year program.)

**Certified Nurse Aide (CNA)** – This class will prepare students to become a certified nurse aide. Students learn to document and report on patients, check vital signs, administer medications and/or treatments, apply dressings and bandages, and help keep patients clean.

(Open to juniors and seniors, this is a one year program.)

**Dental Careers** – This class will prepare students to become a chairside dental assistant. Students also have the opportunity to explore other careers in the dental field including dental hygienists, dental laboratory technicians, registered dental assistants, and dentists.

(Open to juniors and seniors, this is a one year program.)

**Emergency Medical Services** – Students are trained to become emergency medical technicians. Students assess patients involved in different types of medical emergencies and trauma, and study treatment procedures.

(Open to seniors only, this is a one year program.)

**Healthcare Foundations** – Students learn basic patient care such as temperature, blood pressure, pulse and breathing rates, and the use of computers in healthcare. Students have the opportunity to become certified in Phlebotomy (drawing blood).

(Open to juniors and seniors, this is a one year program.)

## Human Services Pathway

**Cosmetology** – In this program, students learn services offered in a salon including hair shaping and styling, manicures, facials, and waxing. There is a fee for students, which covers a mannequin, textbook, hair sheers, razor, and uniform. Classes are taught at Tulip City Beauty College in Holland, Michigan.

(Open to seniors only, this is a one year program.)

**Teacher Academy** – This class is for students who are preparing for a career in education. Students explore human growth and development, diversity, ethics and professional responsibility, and health and safety. Students apply knowledge of teaching while delivering instruction through various field placements.

(Open to juniors and seniors, this is a one year program.)

**Public Safety & Security Services** – This class trains students in the protection of people. Students are introduced to the role of law enforcement, public safety, and security services in our community. Areas of study include Michigan law, the court system, corrections, emergency procedures (including CPR and first aid), and investigative procedures.

(Open to juniors and seniors, this is a one year program.)



# Extracurricular Activities

WHY? Getting Active NOW will prepare you for LATER

## SCHOOL SPONSORED CLUBS

### **Art Club**

Katelyn Ysquierdo  
997-3559

[kysquierdo@capsk12.org](mailto:kysquierdo@capsk12.org)

Mary Lamson-Burke  
997-3559

[mburke@capsk23.org](mailto:mburke@capsk23.org)

CHS Art Club honors and celebrates students from every high school grade level, varying artistic abilities, and social groups. The goal of this club is to increase the students' creative outlets, expose them to various genres of art, and explore how art and creativity can improve our community. Students will have the opportunity to create their own art, attend field trips, participate in school spirit projects, and host community events.

### **be nice.**

Kelly VanderHoek  
997-3551

[kvanderhoek@capsk12.org](mailto:kvanderhoek@capsk12.org)

Amanda Rennells  
997-3502

[arennells@capsk12.org](mailto:arennells@capsk12.org)

Katie Walsh  
997-3408

[kwalsh@capsk12.org](mailto:kwalsh@capsk12.org)

The mission of the be nice group at CHS is to foster a safe environment for all students and staff through educational and cultural opportunities. The group meets regularly to discuss mental health awareness with an emphasis on reaching out to those who need support. The group also focuses on giving back to the local and global community through fundraisers and service projects. A favorite activity of the be nice is "Toast for Change," in which students and staff members gather for good music, toast with homemade jam and butter, and fellowship, while raising awareness and collecting change for hunger-related charities. Students also participate in the yearly student exchange as well as monthly school-wide activities. Interested students are always welcome!

### **FFA**

Kent Bollinger  
997-3534

[kbollinger@capsk12.org](mailto:kbollinger@capsk12.org)

This is a year round group that focuses on a broad array of events that range from self improvement to healthy lifestyles to Agricultural and Natural resources careers. Students have the chance to travel, compete and mature as members of competitive teams and can also work on personal projects that can lead to rewarding job placements or money making ventures. Our students have received State recognition in 49 out of the last 50 years. Members learn to be part of a team, organizational skills as well as improve their ability to speak. If you like a challenge and have an interest in the outdoors or animals, this club might just be for you.

### **High School Musical**

Sara Heacox  
997-3577

[sheacox@capsk12.org](mailto:sheacox@capsk12.org)

Participation in this activity is open to any high school student interested. Participation is by audition. Practices are held after school and/or at night Monday through Friday and some Saturdays. Three or four performances are given that are open to the public. Musicals presented are generally well-known Broadway Shows. A participation fee of \$10 and costume fee of \$15 may be charged to participants.

Students auditioning for the show should be interested in acting, singing and dancing. There are also opportunities for students who want to work on the technical aspects of the show or backstage.

### **National Honor Society**

Todd Sellon  
997-3587

[tsellon@capsk12.org](mailto:tsellon@capsk12.org)

The main purpose of the Coopersville National Honor Society is to provide recognized students with an opportunity to create enthusiasm for scholarship, to stimulate a desire for service, to promote leadership, and to develop character in the students of Coopersville High School.

### **SADD (Students Against Destructive Decisions)**

Amanda Rennells  
997.3502

[arennells@capsk12.org](mailto:arennells@capsk12.org)

Katie Walsh  
997-3408

[kwalsh@capsk12.org](mailto:kwalsh@capsk12.org)

SADD, Students Against Destructive Decisions, is a school-based organization dedicated to addressing the issues of underage drinking, impaired driving, drugs and other destructive decisions. SADD's mission is to provide students with the best prevention and intervention tools possible to deal with serious issues young adults are facing today. Empowerment is SADD's basic principle. The idea of empowerment is to build students' confidence and ability to create changes and manage behavior in a way that results in healthy life choices. SADD promotes a message of "No Use" of alcohol or drugs and encourages students not to participate in activities with destructive consequences.

### **Science Club**

Ryan Schoenborn  
997-3548

[rschoenborn@capsk12.org](mailto:rschoenborn@capsk12.org)

Science club is a year long club that allows students to get involved in Science, Technology, Engineering, and Math (STEM) activities. These activities include things like dissections, underwater vehicles, 3D printing, RC Racing, and FIRST Robotics. The club meets once a week after school and sporadically as special opportunities arise. There are no fees associated with the club, but there may be fees for specific activities.

### **Senior Advisory Committee**

Kelly VanderHoek  
997-3551

[kvanderhoek@capsk12.org](mailto:kvanderhoek@capsk12.org)

The Senior Advisory Committee is a group of six to twelve seniors and the Senior Class President who serve as a liaison between the senior class at large and the Senior Class Advisor. The group meets monthly or as needed throughout the school year to discuss topics including, but not limited to, graduation announcements, class song, class motto, selection of graduation speakers, homecoming themes and decorations, and the planning of the graduation ceremony. Students are chosen by the Senior Class Advisor and other teachers to serve on the committee. Students with diverse interests and club affiliations are selected so that it is a group representative of the senior class as a whole. Students with a desire to serve on the committee should express interest to the Senior Class Advisor.

### **High School Play**

Sara Heacox  
997-3577  
[sheacox@capsk12.org](mailto:sheacox@capsk12.org)

Participation in this activity is open to any high school student interested. Participation is by audition. Practices are held after school and/or at night Monday through Thursday and occasional Fridays. Three or four performances are given that are open to the public. A variety of play genres are presented (dramas, comedies, etc.). A participation fee of \$10 and/or costume fee of \$15 may be charged to participants. Students auditioning for the show should be interested in acting, singing and dancing. There are also opportunities for students who want to work on the technical aspects of the show or backstage.

### **Student Council**

Jayne Shantharasan                      Bri Capson  
997-3546                                      997-3575  
[jshantharasan@capsk12.org](mailto:jshantharasan@capsk12.org)      [bcapson@capsk12.org](mailto:bcapson@capsk12.org)

Students apply for Student Council positions every spring. Several members from each grade level are selected/elected. Student Council takes part in charity fundraisers, community service, and leadership training. Members plan events such as dances, dress days, and assemblies.

## **NON-SCHOOL SPONSORED CLUBS**

### **Archery Club**

Todd Sellon  
997-3587  
[tsellon@capsk12.org](mailto:tsellon@capsk12.org)

Archery club is a year long club designed to promote archery and the outdoors as it pertains to both competition shooting and bow hunting. Members will engage in a variety of opportunities to develop/enhance their skills as an archer using traditional, compounds, and possibly cross bows on spot and 3D targets.

### **CAYAC**

Kelly Post  
997-3140  
[kpost@capsk12.org](mailto:kpost@capsk12.org)

CAYAC stands for the Coopersville Area Youth Advisory Committee. We are a part of the Coopersville Area Foundation. We are a philanthropic organization with an aim to improve conditions for youth in the Coopersville, Chester, Marne, Polkton, Wright, and Tallmadge area. We do this through grants. We learn the grant process step by step, and this year gave out \$10,000 in grants for area youth programs. This money comes from the interest off the money in our fund. As a result we will be able to continue to give grants for years and years as our fund continues to grow. This is our group's legacy to future Coopersville Youth.

### **GSA**

Steve Courcy  
997-3541  
[scourcy@capsk12.org](mailto:scourcy@capsk12.org)

The Coopersville Gay Straight Alliance (GSA) exists to provide an open forum for the sexual and gender minority youth of our community and their allies (SGMA) to discuss and share with one another in a safe, comfortable, student-led environment. It will work to educate both its members and the members of the wider community on the issues faced by SGMA youth, and to combat the presence of intolerance in our society through the promotion of equality, understanding, and acceptance.

### **Equestrian Team**

Betsy Buist  
916-8210

This organization is open to students with an interest in Equine science and horsemanship. Our members compete primarily in the fall of the year at district, regional and State events. Coopersville has been well represented in recent years at various levels of competition. Members will learn the rules of horsemanship and fair play while enjoying their love for horses. We have members who practice events as well as those who assist the team as grooms and trainers. Whether you have a horse to compete with or not, there could be a place for you in our club.

### **Games Club**

Dorie Creager  
[dcreager@capsk12.org](mailto:dcreager@capsk12.org)

Do you like a good game of chess, Yugio or maybe Magic-The Gathering? The Game Club meets once a week to challenge their friends and classmates to a game of their choice. Students bring in their own games and compete with an emphasis on friendly competition and good sportsmanship. This club always welcomes new members and is open to everyone.

### **Prayer Group**

Prayer Group is student led and takes place once a week before school. This group is for students to interact with other Christian believers. Our members help provide support to students with personal struggles in their everyday life through prayer.

### **Ski Club**

Jim Nicolas  
997-3543  
[jnicolas@capsk12.org](mailto:jnicolas@capsk12.org)

We go to Caberfae Peaks every other Friday starting the last Friday of December and end the first Friday in March. We ski from 4:30 pm to 10:00 pm for \$8.00. Ski rental is \$2.00 and snowboard rental is \$8.00.

## **ATHLETICS**

Kimberly Moffett, Athletic Director  
997-3523  
[kmoffett@capsk12.org](mailto:kmoffett@capsk12.org)

Cathy Bush, Athletic Secretary  
997-3524  
[cbush@capsk12.org](mailto:cbush@capsk12.org)

### **Fall Sports**

Boys & Girls Cross Country  
Football Sideline Cheer  
Football  
Volleyball  
Girls Golf  
Boys Tennis  
Boys Soccer  
Dance

### **Winter Sports**

Boys & Girls Basketball  
Wrestling  
Competitive Cheer  
Boys & Girls Bowling  
Hockey Club  
Bowling

### **Spring Sports**

Girls Soccer  
Baseball  
Softball  
Boys & Girls Track  
Boys Golf  
Girls Tennis