

MACCRA Y High School

Registration Packet

2023-2024



# **DISTRICT MISSION STATEMENT**

The purpose of the MACCRAY School and community is to develop individuals who:

1. Will acquire knowledge, skills and positive attitudes toward self and others;
2. Will function effectively as purposeful thinkers, effective communicators, self-directed learners, productive group participants and responsible citizens;
3. Will successfully contribute to the home, community, and work place in a complex and changing world.

*The MACCRAY School District does not discriminate against any person based on his/her race, color, national origin, or gender.*

## **GENERAL DIRECTIONS**

1. Use the registration worksheet to plan your curriculum for the 2023-2024 school year at MACCRAY. Consult with your parents, teachers, and counselors when developing this plan.
2. All students must sign up for 7 classes per semester.
3. When registering, be certain to note which courses are ½ credit or 1 full credit.
4. When registering for electives, be certain that all prerequisites for that particular course are complete.
5. There is no assurance that the course you register for will be offered. Classes are offered based on student pre-registration. A minimum of five students is required for a class to be held.

Please carefully consider what courses you want to help prepare you for your future.

## **9-12 POLICIES**

### **Points to Remember:**

1. A student who elects to drop a full year course (two semesters) after one semester of passing work will receive one half (1/2) credit and a letter grade for the completed semester. No credit or grade will be recorded for one quarter of work.
2. All students must register for a minimum of seven (7) classes per semester.
3. All credits must be completed by the Wednesday prior to graduation for students to participate in graduation ceremonies. Students who do not complete their work on time will not participate.
4. Be aware that success in the MACCRAY School District is proportional to student effort.

## **MCA ASSESSMENTS/STATE TESTING REQUIREMENTS**

All students are required to take the Minnesota Comprehensive Assessments (MCAs). They are in the areas of reading, science and math. In addition, all students will be required to take the Pre-ACT their sophomore year, and the ASVAB (Armed Services Vocational Aptitude Battery) and ACT Tests their junior year.

# **SERVICE LEARNING**

The Service Learning requirement for graduation is intended to help students discover the personal satisfaction of volunteering their time and talents for the benefit of others. In order to encourage the spirit of giving, the following guidelines help clarify the expectations of the MACCRAY Public Schools:

Students must earn a minimum of 80 hours during their high school careers (20 per year in each of the grades 9-12) in order to earn a MACCRAY diploma.

\*\*Students in the Class of 2024 need a minimum of 60 hours of service due to COVID-19 restrictions in the 2020-2021 school year.

Service hours must be earned at times when school is not in session unless a project is initiated by or approved by school staff.

Service hours may not be performed for the direct benefit of a family member.

A student may not receive compensation (monetary or gifts) in return for service hours.

Community service that is court ordered or a punishment from another entity (i.e. Chippewa County Circle Sentencing) may not count toward service hours.

Generally, service hours may not be performed at a for-profit company.

Students must complete service hours for at least four different entities during their high school careers. Entities could include: schools, community education programs, community groups, church, non-profit organizations (501©3), county agencies, service organizations, and individuals.

# MINIMUM REQUIRED CREDITS

To graduate from MACCRAY High School:

## English (4)

- Composition/Literature 9 (1)
- Composition/Literature 10 (1)
- American Literature (.5)
- British Literature (.5)
- Composition or Academic Writing (.5)
- English Elective (.5)

## Social Studies (4)

- American History 9 (1)
- American History 10 (.5)
- World Geography 10 (.5)
- World History (1)
- Economics (.5)
- Government (.5)

## Mathematics (3)

- Geometry (1)
- Algebra II (1)
- Math Elective (1)

1 credit = 1 year or 2 semesters

## **Total Required Credits= 27 credits**

Students make selections from the appropriate departments. Elective courses can be selected from the subject areas in the table above once the minimums have been reached, or from departments not listed.

Classes that count as an Art credit are as follows:

Introduction to Art, Intermediate Art, Graphic Design, Independent Art, Band, Choir, Blended Music, Introduction to Music, Machine Woodworking, Advanced Woodworking, Film Studies, MACCRAY Media

## Science (3)

- Physical Science (1)
- Biology (1)
- Chemistry or Food Chemistry (1)

## Health/Phy Ed/Driver's Ed (2)

- Phy Ed 9 (.5)
- Driver's Ed (.5)
- Personal Wellness 10 (1)

\*\*Starting with the Class of 2026, Driver's Education will be an elective.

## Arts (1)

## Career and Technical Education (1)

- Agriscience 9 (.25)
- Art 9 (.25)
- Business 9 (.25)
- Ag Manufacturing 9 (.25)

## Junior/Senior Strategies (.5)

## Electives (8.5)

\*\*Starting with the Class of 2026, nine (9) elective credits are required.

# **COLLEGE ADMISSION REQUIREMENTS**

## **Four Year Colleges and Universities:**

- 4 years of English
  - including composition, literature, and speech
- 3 years of Math\*
  - including two years of algebra, one of which is intermediate or advanced algebra, and one year of geometry
- 3 years of Science
  - including one year each of a biological and a physical science, all with significant laboratory experience
- 3 years of Social Studies
  - including one year each of geography and U.S. history
- Two years of a single world language
  - including non- English native languages and American Sign Language
- One year of Arts
  - Visual arts and the performing arts of theater, music, dance and, media arts
- Top half of graduating class or 21 or higher on ACT

*\*U of M requires 4 years of Math*

These are general guidelines. Please contact the colleges you are interested in regarding specific admission requirements.

## **Community and Technical Colleges:**

- 3 years of English
- 3 years of Math
- 3 years of Science
- 3 years of Social Studies

After admittance, you will have to take a placement test. This will inform students if they will have to take remedial courses that do not count toward their degree.

# **EQUALIZING/TRANSFERRING CREDITS**

The MACCRAY School District will grant transfer credits from other accredited secondary and post-secondary schools based on the information from the records of said student. The school counselor and the administration will review the completed courses and determine which graduation credits have been achieved and fulfilled. The MACCRAY School District will only transfer post-secondary credits based in seat hours. No credit will be given for post-secondary education assessments such as the CLEP test.

## **POST-SECONDARY ENROLLMENT OPTION**

Postsecondary Enrollment Options (PSEO) is a program that allows 10th-, 11th- and 12th-grade students to earn both high school and college credit while still in high school, through enrollment in and successful completion of college-level, nonsectarian courses at eligible participating postsecondary institutions. Most PSEO courses are offered on the campus of the postsecondary institution; some courses are offered online. Each participating college or university sets its own requirements for enrollment into the PSEO courses. Eleventh and 12th-grade students may take PSEO courses on a full- or part-time basis; 10th graders may take one career/technical PSEO course. If they earn at least a grade C in that class, they may take additional PSEO courses.

There is no charge to PSEO students for tuition, books or fees for items that are required to participate in a course. Students must meet the PSEO residency and eligibility requirements and abide by participation limits specified in Minnesota Statutes, section 124D.09. If a school district determines a pupil is not on track to graduate, she/he may continue to participate in PSEO. Funds are available to help pay transportation expenses for qualifying students to participate in PSEO courses on college campuses. Schools must provide information to all students in grades 8-11 and their families by March 1, every year. Students must notify their school by May 30 if they want to participate in PSEO for the following school year.

### **How to Enroll in PSEO**

Interested and eligible 11th- and 12th-grade students should contact the postsecondary institution to find out their eligibility requirements, which courses are offered and what the application process is at that institution. Access the list of Participating Postsecondary Institutions for a list of schools and their contact information. Interested and eligible public 10th-grade students should contact the postsecondary institution to find out which Career and Technical (CTE) courses are offered and what the application process is at that institution.

To assist the district in planning, students are required to inform their district of their intent to enroll in PSEO courses during the following school year by May 30. Students should seek guidance from their high school counselor to determine if PSEO is the right fit for them and their academic plan. Interested students must complete the Postsecondary Enrollment Options Program Registration form.

# **COLLEGE NOW COLLEGE CREDITS**

To be eligible for College Now through Southwest Minnesota State University, high school juniors must rank in the top  $\frac{1}{3}$  and high school seniors must rank in the top  $\frac{1}{2}$  of their class.

<b><u>MACCRAY Course</u></b>	<b><u>SMSU Course</u></b>	<b><u># of College Credits</u></b>
College Algebra (Semester)	MATH 110	3 Credits
College Trig (Semester)	MATH 125	3 Credits
College Calculus (Year) – ITV*	MATH 150	5 Credits

\*not offered every year

To be eligible for credits through Ridgewater College, students must earn appropriate ACT scores, or take the Accuplacer.

<b><u>MACCRAY Course</u></b>	<b><u>Ridgewater Course</u></b>	<b><u># of College Credits</u></b>
Agronomy (Semester)	AGRI 0112/1660	3 Credits
Animal Science (Semester)	AGRI 0126/1810	3 Credits
College Biology (Year)	BIOL 1000	4 Credits
College Speech (Semester)	CMST 2200	3 Credits
College Essay (Semester)	ENGL 1210	3 Credits

# **CAREER TECHNICAL EDUCATION (CTE) COURSES**

Career Technical Education (CTE) courses integrate core academic knowledge with technical and occupational knowledge and skills to provide students a pathway to postsecondary education and careers. CTE teaches transferable workplace skills in applied learning contexts to provide opportunities to explore high-demand career options and gives students the technology and skills needed for success in adult life.

MACCRAY offers several CTE courses through the Minnesota River Valley CTE Collaborative, which includes five area schools. Many of these courses are dual credit courses and offer college credits (2-5 credits) as well as high school credit (0.5 or 1.0 credit each). Several of these courses are taken at Minnesota West Technical and Community College during a two-period block several days a week, and students are required to provide their own transportation.

## **Alternative Energy Careers CTE Courses**

- Powerline Technician: Generation, Transmission, and Distribution – offered Spring 2024 semester – 3 college credits

## **Architecture and Construction Careers CTE Courses**

- Industrial Construction Methods – offered Spring 2024 semester
- Carpentry Skills – offered Fall 2023 semester – 2 college credits
- Welding Principles – offered Spring 2024 semester – 3 college credits

## **Transportation Careers CTE Courses**

- Commercial Drivers License (CDL) Lerner Permit Preparation – offered Spring 2024 semester – 1 college credit

## **Career Exploration and Advancement CTE Courses**

- Internships Course – offered Fall 2023 and Spring 2024 semesters

## **Culinary Careers CTE Courses**

- Food and Nutrition - offered Fall 2023 and Spring 2024 semesters

## **Education Careers CTE Courses**

- Child Development – offered Fall 2023 and Spring 2024 semesters
- Family and Teen Issues – offered Fall 2023 and Spring 2024 semesters
- Introduction to Education - offered Spring 2024 semester – 3 college credits

## **Health Care Careers CTE Courses**

- Introduction to Health Careers – offered Fall 2023 semester – 2 college credits
- Nursing Assistant (CNA) – offered Fall 2023 and Spring 2024 semesters – 3 college credits

## **Engineering Careers CTE Courses**

- Introduction to Engineering Design (IED/PLTW) – offered Spring 2023 semester – 2 college credits
- Introduction to Computer Aided Drafting and Design (CADD) – offered Fall 2022 semester – 2 college credits



# **NCAA APPROVED COURSES**

The following courses are NCAA approved for prospective student-athletes seeking NCAA initial- eligibility. For more information visit the NCAA Clearinghouse website at: [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)

## General Information:

Graduate from high school with a minimum GPA of 2.3 for Division I and 2.0 for Division II  
Division I has a sliding scale for ACT scores and GPA Have a 68 sum score on the ACT  
(Division II)

ACT scores must be reported directly to the NCAA Clearinghouse from ACT. Enter code 9999 on your ACT registration form.

### **English**

- Academic Writing
- Advanced Speech
- American Literature
- British Literature
- Composition/Literature 9
- Composition/Literature 10
- Composition
- Essay English

### **Social Science**

- American History 9
- American History 10
- Current Events
- Economics
- Government
- Psychology
- Sociology
- World Geography 10
- World History
- World Religions

### **Mathematics**

- Algebra I
- Algebra II
- Geometry
- College Algebra
- College Calculus
- College Trigonometry

### **Natural/Physical Science**

- Advanced Biology
- Anatomy and Physiology
- Biology
- Chemistry
- Integrated Science

### **Additional Core Courses**

- Spanish I
- Spanish II

# AGRICULTURE

## 9th grade Classes

### Agriscience 9

**Credit Value:** .25

**Grade Level:** 9

**Course Length:** One Quarter

**Prerequisite:** None

This class is an introduction to the science behind agriculture for 9th graders. Explore the world of Agriscience through plants, animals, food, global agriculture, and more. We will learn through hands-on activities such as grafting plans, making a feed ration, exploring the outdoors, and gaining life skills.

### Ag Manufacturing 9

**Credit Value:** .25

**Grade Level:** 9

**Course Length:** One Quarter

**Prerequisite:** None

An introduction in Ag Manufacturing for 9th graders. Learn to design, build with wood and weld as we head out to the shop and develop your skills. Students will have the opportunity to design and create a wood and metal project in this class as we explore A Manufacturing.

## Agriscience Classes

### Food Chemistry

**Credit Value:** 1.00

**Grade Level:** 11-12

**Course Length:** Two Semesters/One Year

**Prerequisite:** None

Have fun learning about chemistry through the world of food. We will dive into chemistry topics such as atoms and reactions while also applying the topics to the food we eat everyday. Food related topics may include nutrition, food preservation, food development, and more. Some of the hands-on labs may include making ice cream, doing pH tests, and comparing leavening agents. *This class meets the chemistry science credit required for graduation.*

### Exploring Food, Fuel, and Fibers

**Credit Value:** 0.50

**Grade Level:** 10-11-12

**Course Length:** One Semester

**Prerequisite:** None

Are you interested in learning how to cook, take care of anything with an engine in it, and make things with fiber? This class will explore basic skills in cooking as well as looking at nutrition. We will learn how to maintain your car, lawn mower, or anything else with an engine in it. And we explore various fibers and their uses. Some of these might include wool, cotton, leather, etc. There will be opportunities to make a project with some of the fibers that we study. This will prove to be a fun hands-on class where students develop practical skills they will continue to use through their lives.



## Animal Systems Classes

### Animal Care - Veterinary Science

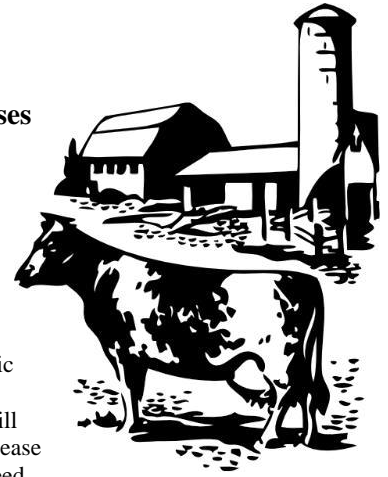
**Credit Value:** 0.5

**Grade Level:** 10-11-12

**Course Length:** One Semester

**Prerequisite:** None

This class will focus on basic animal care and veterinary science. Some topics that will be covered are nutrition, disease management, grooming, breed selection, anatomy, housing, record keeping, and careers. There may be appearances from guest speakers, such as veterinarians and animal breeders, as well as hands-on experience working with animals and teaching basic medical skills such as administering medications/vaccines, clipping nails, grooming, etc. This class will focus more on small animals such as dogs, cats, rabbits, birds, fish, reptiles and amphibians but will also look at some large animal care if time permits.



### Large Animal Care Production

**Credit Value:** 0.5

**Grade Level:** 10-11-12

**Course Length:** One Semester

**Prerequisite:** None

Large Animal Care and Production will primarily focus on Beef, Swine, Sheep and Dairy species. If time permits we may also look at poultry and goats. This class will focus more on the care, feeding and management of each species. The following topics will be included: Nutrition, Digestive Systems, Housing, Animal Husbandry - The science of breeding and caring for farm animals, Carcass and Meat Evaluation, Fiber, Fitting and Showing, and Marketing

### Intro to Animal Science (not offered in the 2023-2024 school year)

**Credit Value:** 0.75

**Grade Level:** 10-11-12

**Course Length:** One Semester

**Prerequisite:** Teacher approval

*Concurrent enrollment with Ridgewater College (3 college credits)*

Get college credit for studying something you love. An introductory class that focuses on many animal species and their industries - Poultry, Dairy, Beef, Goats/Sheep, Swine and others.

## Natural Resource Systems Classes

### MN Wildlife and Natural Resources

**Credit Value:** 0.50

**Grade Level:** 10-11-12

**Course Length:** One Semester

**Prerequisite:** None

This course will look at the biology and management of Minnesota's natural resources. We will look at many individual species found in MN and learn about ways in which we can conserve and preserve the natural habitats across the state. Some topics may include history, outdoor recreation, mammals, birds, fish, insects, and more. The class will include experiences with the school wildlife area and hands-on projects like building a fishing rod.

### Advanced Wildlife and Natural Resources

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: MN Wildlife and Natural Resources**

Students will continue to expand their knowledge of wildlife and natural resources. Some key focus areas will be: invasive species, wildlife anatomy and biology, hunting and fishing tactics, prairie/forestry management, food plot development/management, game processing, taxidermy, and population dynamics.

### **Plant Systems Classes**

#### Introduction to Agronomy

**Credit Value: 0.75**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: Teacher approval**

**Concurrent enrollment with Ridgewater College (3 college credits)**

Introduction to Agronomy will focus on plant growth and development of Monocot and Dicot plants, basic plant anatomy and growth stages, methods of plant reproduction and seed production, plant genetics, basic plant physiology, photosynthesis, respiration, and plants response to weather and other environmental factors. We will also look at plant breeding, genetic engineering, GMO hybrids and varieties. Agronomy focuses on field crops such as corn, soybeans, sugar beets, alfalfa, edibles, small grain, and sweet corn. This is a great class for those interested in agronomy, plant science or just raising plants.

#### Crop and Soil Science

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course will focus on ways to maximize crop production. Soil testing, fertilization, seeding populations, tiling, seed selection, identifying soil types, tillage methods, pest control and other important agronomy principles will be covered in this class. If you think you might one day farm, go into the agronomy field or just want to know how to develop a green thumb, this is a great class for you.

#### So(w) Green - Horticulture Basics

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

GROW your knowledge of plant science and learn how to apply this knowledge to the real world. This class will focus on horticulture (vegetables, fruits, flowers, etc.) so that you can learn how to successfully grow your own food and to arrange the plants in your life, both inside and outside. Topics will include basic plant science, plant care, plant propagation, landscaping, pruning, floral design, business management, marketing tactics, and much more! This will be a hands-on class, and students will get to spend time in the school greenhouse applying their knowledge.

### **Power, Structural, and Technical Systems Classes**

#### Small Engines

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course explores the different systems of 2 and 4-cycle engines. Topics include operating principles, small engine tools, starting systems, carburation, compression and ignition. The first quarter will be spent learning the systems and tearing engines apart and

rebuilding them. The second quarter will focus more on troubleshooting and fixing engines as students have the opportunity to bring in their own projects.

#### Machine Woodworking

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course is designed to give students a broad background in the fundamentals of machine woodworking. Students will receive practical experience in product design, materials and methods of construction and machine use. Students will use the knowledge they obtain to design and build their own projects. There will be a cost to this course for product supplies which will be dependent on the project(s) that the student chooses to build. *This class qualifies as an art credit.*

#### Advanced Woodworking

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: Machine Woodworking**

Take your woodworking skills to the next level. This class will focus on skills such as using a router to create inlays, creating a raised panel door, advanced joinery, drafting and CAD design, CNC router design and other skills to build some amazing projects. There will be a cost for project supplies. *This class qualifies as an art credit.*

#### Ag Construction Skills I

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One**

**Semester**

**Prerequisite: None**

Interested in a career in construction or just want to learn some construction skills so you can do your own construction in the future? This class will start by looking at planning and creating blueprints for a project. We will then cover construction skills such as flooring, framing, roofing, installation of doors and windows, insulation and other important skills. The class will be building a larger project (to be determined) such as a fish house, shed or similar project where students can use the skills that they have learned.



#### Ag Construction Skills II

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Spring Semester of Ag Construction Skills will continue to build students skills in the construction field. Some of the topics that will be covered in the class include: Plumbing, Concrete, Advanced Wiring, Drywall Installation, Tile Installation (Horizontal and Vertical Installs), HVAC, Greenhouse/Hoop Barn Design, and more. This is a great opportunity for students considering a career in the construction field. Many hands-on experiences will be used in this class to develop the skills needed for the construction industry or to do future projects on your own.

### Welding/Metal Fabrication

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course is designed to introduce and advance students skills in various welding types such as arc, wire, gas and tig welding. Other processes such as soldering and brazing will also be included. Students will learn safety in all these practices and learn how to troubleshoot machines. Students will also learn cutting techniques such as plasma, torch, press, band saw and chop saw. On the fabrication side of things students will learn design (Drafting and CAD) and fabrication techniques such as using a metal brake, forging, hardening and reading blueprints to build according to specifications.

### Advanced Welding

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: Welding/Metal Fabrication**

Advanced welding will help students take their welding to the next level. Along with increasing their technical skills students will have the opportunity to learn tig welding, use a blueprint to build a project, learn to weld other types of metal such as aluminum, advanced metal preparation and finishing techniques, steel hardening techniques and more.

### Agriculture Technology Design - CAD/CAM Design

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

This class will focus on CAD (Computer-aided Design) and CAM (Computer-aided Manufacturing). The two main programs used in this course are Sketchup and Fusion 360 by Autodesk. We will use these programs to learn how to design 3D models that can be used in manufacturing and engineering. Project designs could include things as simple as a small wood project or welding project and advanced as designing a house or a complex welding blueprint. These programs can also be used for creating images to be 3D printed or milled. After learning the programs you will have the opportunity to bring your designs to life as you manufacture/build one of your own drawings.

## **Leadership Development Classes**

### Ag Leadership

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Learn skills needed to start and run your own business or improve on your workplace skills to get that better job. This class will focus on skills such as record keeping, developing a plan, growing your ag business, setting and achieving goals, gaining habits of successful people, time management, motivation, communication, empowering others, maintaining a positive view, and more important leadership skills.

## **Agricultural/Industrial Arts Minnesota River Valley Collaborative CTE Classes**

### Carpentry Skills

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

*CTE Course; Concurrent enrollment with MN West (2 credits)*

*This course is open for Fall 2023 semester*

This is your chance to be part of constructing a home for someone to live in. Learn how to: install a door (both interior and exterior), install a window, install cabinets and countertop, install woodwork, install siding and soffit, install rafters, hang sheetrock, shingle a roof, frame walls, and insulate. When you are all done, you will have a skill that will serve you for a LIFETIME! Major units of instruction include Site Safety, House Construction, Builders level, Floor Framing, Exterior and Interior Wall Framing, Roof Framing (Trusses), Doors and Windows, Exterior Finishes, Sheetrock, Interior Finish and Interior Doors. This class will run for 2 class periods T-Th, 1<sup>st</sup> and 2<sup>nd</sup> hour. Students provide their own transportation.

### Industrial Construction Methods

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

*CTE Course at Fagen Warehouse, Granite Falls*

*This course is open for Spring 2024 semester*

Industrial Construction Methods is a course in which students will learn skills and knowledge related to residential and commercial construction. Students will address a broad range of topics relevant to a challenging and constantly changing industry. The construction course content will prepare the student for entry-level employment or continue their education in a post-secondary program. This class will run for 2 class periods at Fagen Warehouse in Granite Falls T-F, 1<sup>st</sup> and 2<sup>nd</sup> hour. Students provide their own transportation.

### Welding Principles

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

*CTE Course, Concurrent enrollment with MN West (3 credits)*

*This course is open for Spring 2024 semester*

This class offers the opportunity for students to learn advanced techniques in welding. Students will have numerous opportunities to tour area manufacturing businesses and job shadow with some of those businesses. At the end of this course, students will have the opportunity to receive the industry standard AWS D 1.1 certification for welding. This class will run for 2 class periods at MN West T-Th, 1<sup>st</sup> and 2<sup>nd</sup> hour, with online work and job-related experiences. Students provide their own transportation.

### Introduction to Engineering Design (IED/PLTW)

**Credit Value: 0.5**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

*CTE Course, Concurrent enrollment with MN West (2 credits)*

*This course is open for Spring 2024 semester*

This course will provide students with the opportunity to work with the latest technology including 3-D printing and laser engraving. This is a problem-solving skills course using a design development process. Students will develop and present a product enhancement or new product to a board for professional feedback. This class is a mainly online class that will take up one class period per day.

## **Introduction to Computer Aided Drafting and Design (CADD)**

**Credit Value: 0.5**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

*CTE Course, Concurrent enrollment with MN West (2 credits)*

*This course is open for Fall 2023 semester*

This is an introductory course in mechanical and technical drafting. Students will learn how to design and draw various parts and shapes using the latest CADD software found in the industry, such as AutoCAD, Inventor, Creo, and Solidworks. This is a great course for students who want a basic understanding of design, engineering drawings, and blueprint reading. This class is a mainly online class that will take up one class period per day.

## **Summer Ag Opportunities**

### **Summer Ag**

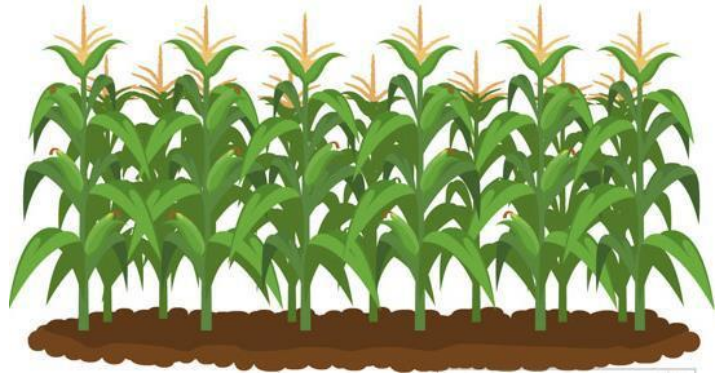
**Credit Value: 0.50**

**Grade Level: 9-10-11-12**

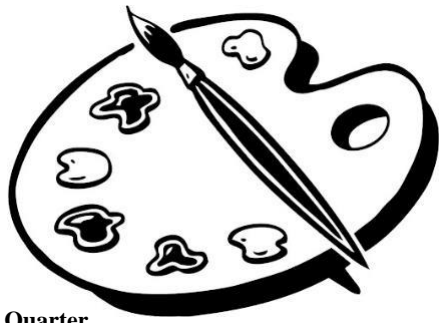
**Course Length: Summer**

**Prerequisite: Teacher approval**

The Ag Summer Course is a great opportunity to get started on your SAE (Supervised Agricultural Experience) or to continue to improve it. It also provides opportunities to tour agricultural industries and farm. Students will also be required to attend a minimum of one FFA meeting and one Crop Walk. Crop Walks take place in the FFA plot and occur weekly (Monday nights) except for holidays or cancellations due to weather. This class requires that you accumulate a minimum of 75 hours between your SAE and the activities offered through this class. Opportunities do include a summer trip and other possible tours throughout the year. If you have any further questions about the class please contact Mr. Johnson.



# ART



## Art 9

**Credit Value: 0.25**

**Grade Level: 9**

**Course Length: One Quarter**

**Prerequisite: None**

Students will explore a variety of art careers through art-related projects, such as fine artist (drawing and painting), book illustrator, graphic artist, animator (Claymation or computer), art teacher and cartoonist.

## Introduction to Art

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Year**

**Prerequisite: None**

Building on the foundations learned in 7th and 9th grade, this course will focus on creating art in the fields of drawing, painting, ceramics, digital, and more.

## Intermediate Art

**Credit Value: 1.0**

**Grade Level: 11-12**

**Course Length: One Year**

**Prerequisite: Introduction to Art**

Pushing the boundaries of art, students will create artwork in all the fields of art that have been built upon with previous classes. Students will also explore different genres of art in history.

## Graphic Design

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Year**

**Prerequisite: None**

This course will explore all things digital art. Using Adobe Creative Cloud, we will explore digital illustration, digital photography and editing, and layout design. *This class has a size limit of 18 students.*

## Independent Art

**Credit Value: 0.5 or 1.0**

**Grade Level: 12**

**Course Length: One Semester or one year**

**Prerequisite: Introduction to Art and Intermediate Art**

Students will write art proposals and complete projects in a timely manner. Students will work independently to complete a set number of projects each quarter. Artist statements will also be written for each project.

# **BUSINESS**

## **Accounting I**

**Credit Value: 0.50**

**Grade Level: 10-12**

**Course Length: One Semester**

**Prerequisite: None**

This course studies the accounting cycle for both service and merchandising businesses. Through the use of multicolumn workbooks and business simulations, the student will gain a basic background of accounting and its function in the business world today. Computerized simulations are also used in this class. Accounting I should be taken in 10<sup>th</sup> or 11<sup>th</sup> grade so students may advance to Accounting II later.

## **Accounting II**

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: Accounting I**

This advanced course in accounting will reinforce the concepts learned in Accounting I. It will include accounting procedures for partnerships and corporations, payroll, control and cost, and also the introduction of Automated Accounting. It can be taken as an independent study class. You come to class, but you work on your own.

## **Business 9**

**Credit Value: 0.25**

**Grade Level: 9**

**Course Length: One Quarter**

**Prerequisite: None**

In this introductory business course, students will learn basics of business principles and management along with characteristics of business. They will also learn the difference between proprietorship, partnership, corporation, franchise, entrepreneur and intrapreneur. Students will learn the basics of what is involved in entrepreneurship and will participate in a personality assessment/aptitude test that gives them a better idea of the careers that best fit their personality.

## **Business and Personal Law**

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Real-World Connections: practical information about the U.S. legal system. This course focuses on the application and legal principles of our laws to enhance student's ability to use critical thinking skills to solve legal problems. A wide range of court cases, both current and historical, are used to help students learn about how our legal system has developed over time. Students will learn about the categories of crime, federal and state law, felonies and misdemeanors, elements of a valid contract, and will analyze court cases.



## **Entrepreneurship (Not offered in the 2023-2024 school year)**

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Students will learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to come up with new business ideas, attract investors, market their business, and manage expenses. Students hear inspirational stories of entrepreneurs who have turned their ideas into reality, and then they plan and execute their own business.

## **HRM & International Business**

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students analyze the primary functions of human resources management, which include recruitment, selection, training, development, and compensation. Topics will incorporate social responsibility of business and industry. Students develop a foundation in the economic, financial, technological, international, social, and ethical aspects of human resources in order to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the legal, managerial, financial, ethical, and international dimensions of business to make appropriate human resources decisions.

## **Intro to Microsoft Office**

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Students will be "Learn by doing". They will be learning Microsoft Office by using its applications to communicate and share information in the real world of work and life. This course is designed for today's interactive, visual learner. Students will use graphical hands-on lessons that will give them the opportunity to instantly engage in applying Microsoft Office Word, Excel, and PowerPoint. Microsoft Word will *teach* students how to format text and paragraphs, work with tables, and design sophisticated multi-page documents. With Excel spreadsheets, students will learn how to format data, work with numbers and formulas, and create charts and graphs as they acquire the skills needed for school and workplace readiness. In PowerPoint, students will learn how to create professional slide presentations.

## **Junior/Senior Strategies**

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This class is designed to provide students with sound financial principles that will guide them into adulthood. Videos and resources from personal finance expert Dave Ramsey will be used to educate and entertain students as they learn how to budget, avoid debt, and build wealth. Students will also learn leadership qualities to help them be "highly effective" individuals in their personal and professional lives.

### Small Business Management

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Hungry at school? Students will discover marketing elements including how to brand, promote, manage inventory, price products, customer service and determine profits. Students will get hands-on experience by managing and operating the school healthy snack store business. They will research products, decide on the best healthy snacks based on demand and be involved in purchasing merchandise and managing inventory. Students will promote their products through social media, flyers in the school and by building a bond with their target market (students). Students will analyze their profit loss ratio and track expenses by maintaining proper records.

### Sports Entertainment/Social Media Marketing

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Students will discover the elements of marketing; steps of the sales process on how to be an effective seller and learn how to communicate with customers. This course will help prepare students who are interested in marketing, being an entrepreneur, or learning the process of producing, advertising, promoting, distributing and pricing products and services. The second half of the semester, students will pick their main focus on Social Media Marketing (SMM) or Sports and Entertainment Marketing (SEM). SMM students will discover the evolution and purpose of Social Media. They will learn about the top social platforms. SEM students will learn about sponsorship, marketing and business practices through the lens of the entertainment industry. Interactive projects and real-life scenarios will be incorporated such as vacation packages.

### West Central Creating Entrepreneurial Opportunities (WC-CEO)

**Credit Value: 2.0**

**Grade Level: 11-12**

**Course Length: One Year**

**Prerequisite: None**

Start your very own business! The goal of the WC-CEO class is for participating students to have a hands-on/real world entrepreneurial opportunity to start their own business. Instead of learning about entrepreneurship in a classroom setting, this class meets at a local business and not at the high school. You will visit twenty to thirty local businesses throughout the year and have numerous guest class speakers. You will have the opportunity to present your business plan to local banking investors and entrepreneurs via private meetings. Finally, you will showcase your business at the annual trade show. YOU will graduate from this class owning your own business! This class will run ninety minutes a day during 1<sup>st</sup> and 2<sup>nd</sup> hour.

Students from KMS, MACCRAY, RCW and CMCS school districts make up this year-long class. Eighteen to twenty-two juniors or seniors will be selected through an application process to participate in the year-long class.

### Interpersonal/Career Exploration

**Credit Value: 0.5**

**Grade Level: 9-12**

**Course Length: One Semester**

**Prerequisite: None**

Interpersonal and Career Exploration is a class designed to empower students to make educated decisions about course options in high school, explore career choices, and learn how to be involved community members. Students will complete career exploration assessments, research desired occupations, and create a portfolio highlighting their interests. Students will also learn about the importance of soft skills in the workplace as well as explore the many different ways to volunteer in their communities.





# ENGLISH

## Academic Writing

**Credit Value: 0.50**

**Grade Level: 11**

**Course Length: One Semester**

**Prerequisite: Teacher approval**

This course involves writing a number of short and long pieces, learning and utilizing grammar and writing process skills that will be useful to college success. Writing projects include the types of writing that will be done in college, such as subject analysis and personal narrative. A beneficial follow-up course would be English 151 offered through Ridgewater College. This course meets the semester Composition requirement for grades 11 and 12.

## American Literature

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course follows the development of American Literature from early Native American works to the present. Literature studied will include short stories, poetry, essays, novel, and drama. In addition to reading, there will be discussion and writing with special emphasis of the various authors and selections, especially in their relation to the idea of what it means to be American.

## British Literature

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course consists of a study of the literature of famous English writers who have made the most important contributions to literature. Students will study the historical significance of these writers in different time periods covering 1500 years. Shakespeare's *Hamlet* will be read.

## College Essay

**Credit Value: 0.75**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: Academic Writing**

**Concurrent enrollment with Ridgewater College (3 credits)**

- ***This class requires teacher approval. Students must meet PSEO eligibility requirements.***

Students will develop skills involved in writing the traditional essay in this beginning college writing course. In order to take this class, the student must have a working knowledge of the following as they pertain to college writing: MLA style documentation, direct quotations, and paraphrasing. Discuss these requirements with teacher or counselor before registering. The mechanics of writing will be stressed in this class, and a strong command of the language, grammar and usage are essential for exemplary performance. A trilogy of research papers is written in this course in addition to an annotated bibliography and several personal responses to the various reading and writing assignments.

## College Speech

**Credit Value: 0.75**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: Academic Writing**

**Concurrent enrollment with Ridgewater College (3 credits)**

- ***This class requires teacher approval. Students must meet PSEO eligibility requirements.***

This course teaches the use of verbal and nonverbal communication to organize and deliver effective oral presentations. Students will deliver narrative, informative, extemporaneous, and persuasive speeches to their peers. Additional emphasis is placed on identifying and overcoming listening barriers. Students will gain a variety of knowledge and skills.

## Composition

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course is designed to teach academic and school-to-work related writing skills. Essays, research papers, short writing assignments, and technical writing will be emphasized, along with grammar work. Students will refine and develop their thinking and communication skills through writing.

## Composition/Literature 9

**Credit Value: 1.00**

**Grade Level: 9**

**Course Length: One Year**

**Prerequisite: None**

Short stories, essays, poetry, drama, and novels are studied with the intent to deepen the students' appreciation of literature, increase their understanding of human nature, explore author's craft, and literary elements. An emphasis will be placed on analyzing and responding to the literature using the language of the craft. The traits of an effective reader will be explored. The writing process will be explored from the first prewriting stages to the final editing and publishing stages. The traits of an effective writer will be emphasized throughout the class.

## Composition/Literature 10

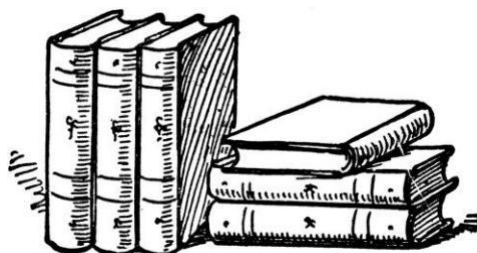
**Credit Value: 1.00**

**Grade Level: 10**

**Course Length: One Year**

**Prerequisite: None**

Short stories, essays, poetry, drama, and novels are studied with the intent to deepen the students' appreciation of literature, increase their understanding of human nature, explore author's craft, and literary elements. An emphasis will be placed on analyzing and responding to the literature using the language of the craft. The traits of an effective reader will be explored. The writing process will be explored from the first prewriting stages to the final editing and publishing stages. The traits of an effective writer will be emphasized throughout the class.



### Film Studies

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

Film studies is a course intended to familiarize students with the particulars of film history as well as to provide them with a chance to analyze film as a visual art form. Students will learn about the history of film from its initial inception to the contemporary films of today. Students will analyze important films from the various eras of film history. Students will learn how to appreciate, analyze and interpret theme, character, story structure, dialogue, and narrative technique through the study of film, as well as understand screenplay formatting and writing conventions, three-act structure, analyze shot composition, research film history, research and critique directors, and learn filmmaking techniques.

### MACCRAY Media

**Credit Value: 1.0**

**Grade Level: 11-12**

**Course Length: One year**

**Prerequisite: None**

MACCRAY Media gives students marketable experience in print and digital media publishing. In this class students will develop a comprehensive overview of the media's place in today's society, economy, and culture. Students will develop research skills and engage in the applied analysis of media with different subjects, and use interpersonal communication skills to identify and report on news-making events to document a year in the history of MACCRAY Schools. Students will create a district newsletter, as well as the MACCRAY Middle/High School Yearbook. Professionalism and journalistic ethics will be expected of students to conduct interviews (of staff, administration, coaches, students, directors, etc.) and report on their findings, photograph events during and after the school day (including sports, concerts, plays, Homecoming Coronation, etc), sell and design advertising, and market and sell yearbooks.

### Novel

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course will be spent studying the development of the novel, reading the novels of some significant authors and determining their importance. We will compare literary works with other mediums such as film and television with their novel counterparts. This course is largely discussion and project-based, with some short writing assignments. Students will be reading and discussing novels as a class/small groups, as well as independently reading a novel of their choice.

### Creative Writing

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

Creative Writing will give students the opportunity to write poetry, prose, or even scripts for films and plays. In the first unit, students will begin to build their writing portfolios by responding to prompts provided by the teacher. The focus for this unit will be on generating as many unique student works as possible. Students will also read and respond to a variety of short stories, making note of the author's style and technique. The following unit will function more like a writer's workshop as we revise what students have written so far. Finally, students will focus on editing and finalizing drafts while learning about the process of publishing completed works.



# FOREIGN LANGUAGE

## Spanish I

**Credit Value: 1.00**

**Grade Level: 9-10-11-12**

**Course Length: One Year**

**Prerequisite: None**

In Spanish I, students will build their Spanish language skills of speaking, writing, listening and reading. Class time is spent reading, listening to music, working in teams, watching videos, drawing, moving, singing and more reading! Students teams collaborate to build speaking skills through movie/picture talks, games, puzzles, infographics, stations and a variety of standard-based activities. Through practice in and out of class, students will work towards meeting the Novice High or (higher) level of proficiency as outlined by the American Council on the Teaching of Foreign Languages (ACTFL).

\*\*An English grade of "C" or better is strongly recommended.

## Spanish II

**Credit Value: 1.00**

**Grade Level: 10-11-12**

**Course Length: One Year**

**Prerequisite: Spanish I**

In this full year course, students will continue to build their Spanish language skills of speaking, writing, listening and reading. Class time is spent reading, listening to music, working in teams, watching videos, drawing, moving, singing and more reading! Students teams collaborate to build speaking skills through movie/picture talks, games, puzzles, infographics, stations and a variety of standard-based activities. Through practice in and out of class, students will work towards meeting the Novice High or (higher) level of proficiency as outlined by the American Council on the Teaching of Foreign Languages (ACTFL).

## Spanish III

**Credit Value: 1.00**

**Grade Level: 11-12**

**Course Length: One Year**

**Prerequisite: Spanish II**

Spanish III is very similar to Spanish II but with a higher level of difficulty. The main emphasis will be expanding vocabulary and proficiency by reading novels. There is a prerequisite of C+ or higher in Spanish II or approval of the instructor.

A large, handwritten-style graphic of the Spanish word "¡hola!" (Hello!) in black ink. The exclamation point is at the end, and the word is written in a cursive, flowing script.

# MATHEMATICS

## Geometry

**Credit Value: 1.00**

**Grade Level: 9**

**Course Length: One Year**

**Prerequisite: Algebra I**

This class studies the following topics: reasoning and proof, parallel and perpendicular lines, congruent triangles, polygons and quadrilaterals, similar polygons, right triangles and trigonometry, transformations, area, surface area, and volume.

## Algebra II

**Credit Value: 1.00**

**Grade Level: 10**

**Course Length: One Year**

**Prerequisite: Algebra I**

This course is the third course in the integrated series. This course is designed to prepare students for college coursework. Topics covered in this course include the following proofs with inductive and deductive reasoning, systems of inequalities and linear programming, triangle similarity and congruence, an introduction to statistics, polynomial operations, recursion and iteration and inverse functions and logarithms.

## College Algebra

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: Algebra II**

*Concurrent enrollment with SMSU (3 credits)*

- *This class requires teacher approval. Students must meet PSEO eligibility requirements.*

Mathematics topics for students who intend to continue the study of mathematics at a higher level. Topics include: equations and inequalities, functions graphs, polynomials, systems of equations, exponential and logarithmic functions.

## College Trigonometry

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: College Algebra**

*Concurrent enrollment with SMSU (3 credits)*

- *This class requires teacher approval. Students must meet PSEO eligibility requirements.*

Trigonometry includes concepts such as circular functions and right triangle, trigonometric equations, logarithms, exponential functions, and complex numbers.

## FST (Functions, Statistics, Trigonometry)

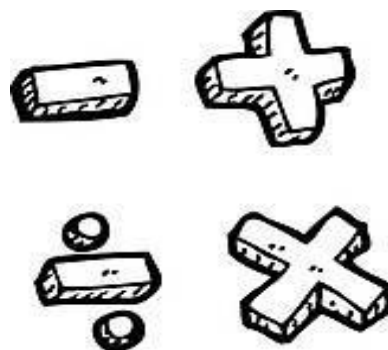
**Credit Value: 1.00**

**Grade Level: 11-12**

**Course Length: One Year**

**Prerequisite: Algebra II**

FST stands for Functions, Statistics, and Trigonometry. The first part covers real numbers as well as linear, quadratic, exponential, and rational functions. The second part covers probability and statistics, including measures of central tendency, normal distribution, permutations and combinations, and data bias. The third part covers right triangle trigonometry and its connections to the distance formula.



## College Calculus

**Credit Value: 1.33**

**Grade Level: 11-12**

**Course Length: One Year**

**Prerequisite: College Algebra/Trigonometry Concurrent enrollment with SMSU (5 credits); course is offered through Yellow Medicine East School District**

- *This class requires teacher approval. Students must meet PSEO eligibility requirements.*

This course covers differential calculus of elementary functions, including applications with an introduction to integration.

## Probability and Statistics

**Credit: 0.50**

**Grade: 11-12**

**Course Length: One Semester**

**Prerequisite: Algebra II**

This course is designed to show the basic elements of probability and statistics. It is designed for seniors and juniors as an additional math class in an area that is required by many majors at most colleges. Students who plan to major in the fields of business, mathematics, engineering, agriculture, psychology, or the medical field should consider taking this course. Topics covered will include types of statistics and samples, data representations and graphs, statistical measures and variation, probability, distributions, as well as other topics time permitting.

## College-Prep Math

**Credit: 0.50**

**Grade: 12**

**Course Length: One Semester**

**Prerequisite: FST or College Algebra/Trig**

This course is designed to cover an overview of essential topics that are prerequisites for success in college level mathematics courses. Topics will include higher level algebra, trigonometry, logic, and other topics time permitting. This course will be an adequate review for any student that plans to take a mathematics course at the next level.

# **MINNESOTA RIVER VALLEY COLLABORATIVE**

## **CAREER and TECH ED COURSES**

**\*\*Several MRVED CTE courses are also listed under Agriculture\*\***

### **Child Development**

**Credit Value: 0.5**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

***Online CTE Course***

***This course is open for Fall 2023 and Spring 2024 semesters***

Students will learn about the physical, emotional, social and intellectual development of child from pre-conception to Kindergarten. Numerous studies have shown that pre-Kindergarten years are essential for future success upon the children entering their school years. This course is highly beneficial for any student considering a career pathway in education, no matter if students are considering teaching young students, all the way to senior high education. Even for students not entering a career in education, this is valuable information for future parents who want to provide the best possible environment for their child's future success. This is a hybrid model course with online instruction at MACCRAY and 3-4 lab experiences with the instructor at MN West. Students provide their own transportation.

### **Introduction to Education**

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

***CTE Course, Concurrent enrollment with MN West (3 credits)***

***This course is open for Spring 2024 semester***

Have you ever thought about becoming a teacher? Do you like working with children? Are you wondering if you might like teaching as a career? This course offers an introduction to early childhood, elementary, and secondary education. Students will have the opportunity to examine their potential for the teaching profession. You will explore career opportunities, requirements, regulations, and professional ethics. The historical and social foundations of education, as well as schools in a diverse society, will be covered. You will also learn more about challenges and rewards faced by education professional, as well as what types of careers are available in education, in addition to teaching. This class will run for 2 class periods, 1<sup>st</sup> and 2<sup>nd</sup> hour on T/Th at the Minnesota West campus in Granite Falls with online work and education field experiences. Students provide their own transportation.

### **Powerline Technician – Generation, Transmission, and Distribution**

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

***CTE Course, Concurrent enrollment with MN West (3 credits)***

***This course is open for Spring 2024 semester***

This course is designed to introduce students to the growing industry of generating and transmitting power to all parts of Minnesota. Students will learn more about the many careers in the industry of renewable energy in the Southwest MN area. Students will get a chance to have hands-on experiences in the many careers involving energy production and transmission. This class will run for 2 class periods, 1<sup>st</sup> and 2<sup>nd</sup> hour on T/Th at the Minnesota West campus in Granite Falls with online work and job-related experiences. Students provide their own transportation.

### **Internships**

**Credit Value: 1.0**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: A previous MRV CTEC course or**

**counselor endorsement**

***CTE Course***

***This course is open for Fall 2023 and Spring 2024 semesters***

This course provides an opportunity for students to experience in-depth participation in an industry of high interest for their future career pathways. Students will receive classroom instruction related to expected skills and behavior for being on the job. Internships can be tailored to fit student course needs at their high school to get maximum participation in their chosen industry. Classroom instruction will take place 1<sup>st</sup> and 2<sup>nd</sup> hour one day a week at MN West and students will work at their internship placements on the other four days of the week. Students provide their own transportation.

### **CDL and Transportation Careers**

**Credit Value: --**

**Grade Level: 12**

**Course Length: One Quarter**

**Prerequisite: Must be 18 years old by the start of the course**

***CTE course, Concurrent enrollment with MN West (1 credit)***

***This course is open for Spring 2024 semester during April-May only***

Students in this class will get the opportunity to practice their driving skills in large commercial trucks. Class participants will work with a certified instructor to prepare to pass the CDL permit test. This is a 2-month course that is taught using both online and classroom instruction. Classroom attendance will be in the evening at MN West or there will be ITV opportunities for students living farther away from the MN West campus. Students will also get driving practice (4 hours) at the Merit Center in Marshall. Students provide their own transportation.

### **Food and Nutrition**

**Credit Value: 0.5**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

***Online CTE Course***

***This course is open for Fall 2023 and Spring 2024 semesters***

Students will explore the role that food plays in everyday life and learn how food choices impact their holistic health and wellness. Food safety, preparation, and presentation will be included in all units for this course. Students will be assigned lab work that can be prepared and completed at home and will also travel to MN West in Granite Falls 3-4 times in the semester for instructor supervised lab work and teamwork (Students provide their own transportation). This course can provide entry level skills for students wanting to enter a culinary career path or just valuable skills that can carry over to a student's personal life.

### **Family and Teen Issues**

**Credit Value: 0.5**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

***Online CTE Course***

***This course is open for Fall 2023 and Spring 2024 semesters***

In this completely online class, students will learn about an individual's role in society throughout all life stages. Students will look at the life cycle from the perspective of an adult and as a parent. Topics discussed include lifestyles, human sexuality, dating, engagement, marriage, establishing a family, parenting, and aging. This course will provide students with decision making tools that will be needed at every stage of their life.

### **Introduction to Medical Careers**

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

***CTE Course, Concurrent enrollment with MN West (2 credits)***

***This course is open for Fall 2023 semester***

Introduction to Medical Careers is a hybrid course offered through MN West Granite Falls. This course will provide students with the opportunity to explore a wide variety of careers in an assortment of medical/healthcare settings. The course is designed to provide students the chance to see if a career in medical/health science is right for them; and if they determine they have an interest, it can help them narrow down the possible careers they might consider. Students will participate in in-depth study and exposure to medical/health science careers, career planning, employability skills, basic terminology, ethics, wellness, disease and safety. This class will run for 2 class periods at MN West, 1<sup>st</sup> and 2<sup>nd</sup> hour on T/Th. Students provide their own transportation.

### **Nursing Assistant**

**Credit Value: 1.0**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

***CTE Course, Concurrent enrollment with MN West (3 credits)***

***This course is open for Fall 2023 and Spring 2024 semesters***

Nursing Assistant is a hybrid course offered through MN West Granite Falls. This class emphasizes the role of the nursing assistant and home health aide as a valuable member of any health care team. This course will introduce and prepare students for entry-level jobs in nursing homes, home care, hospitals and other health care facilities. It is also a great starting point for students interested in healthcare careers that require 2-year, 4-year, or advanced degrees. Upon successful completion, the student will participate in clinical experience and will be eligible to take the Nurse Aid/Home Health Aide competency examination. The student will need to cover the cost of the test. This class will run for 2 class periods at MN West, 1<sup>st</sup> and 2<sup>nd</sup> hour on T/Th. Students provide their own transportation.



# MUSIC

## Band

**Credit Value: 1.00**

**Grade Level: 9-10-11-12**

**Course Length: One Year**

**Prerequisite: Instrument Proficiency**

Students must be proficient enough on their instrument to perform in the group. Students will attend all band rehearsals and specified performances (concerts, Large Group Contest and pep band). Students are required to attend a minimum of one lesson per quarter. Additionally, students will have the opportunity to participate in solos and ensembles throughout the year, with the elective option to take part in solo/ensemble contest each spring. Band can be taken each year of high school.

## Choir

**Credit Value: 1.00**

**Grade Level: 9-10-11-12**

**Course Length: One Year**

**Prerequisite: None**

Students will be required to be at all daily rehearsals and every performance. Students have the option to perform in solos, ensembles and with other special groups. Students are also expected to attend lessons. Students have the opportunity to perform for Homecoming, Winter and Spring Concerts, Snow Week Coronation, and Small Group Contest. Students can take choir each year of high school.

## Introduction to Music

**Credit Value: .50 or 1.00**

**Grade Level: 8-10**

**Course Length: One Semester or One Year**

**Prerequisite: None**

Students enrolled in the Introduction to Music course will learn in depth the development of popular music in the United States from the 1880s to the present. Students will make cross - curricular connections over the span of the course. The delivery of the class will be a combination of lecture, projects, and media sources. Students will be expected to maintain a learning portfolio throughout the duration of the course.

\*\*This course can be taken for one semester or a full year.



# PHYSICAL EDUCATION / HEALTH / DRIVER'S ED

## Driver's Education

**Credit Value: 0.50**

**Grade Level: 9-12**

**Course Length: One Semester**

**Prerequisite: None**

Students will be able to recognize and understand that automobile driving is a mental and social task involving the interaction of drivers, vehicles and environment. They will be able to define traffic regulations, rules, and specific driving processes. Students will be able to understand the legal and moral responsibilities necessary for making the correct decisions to become safe and efficient drivers.

## Lifetime Fitness

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

Lifetime Fitness is a class that puts value in learning lifetime strength, fitness, and conditioning. This includes weights, plyometrics (jumping), yoga, resistance training, and cardio. This course will teach exercises/routines based on all the categories listed above, as well as techniques to manipulate the body. Manipulation of the body is key to our biggest body improvements, such as getting stronger or faster. This course will also help students to learn the benefits of recreational fitness once done with high school.

## Personal Wellness 10

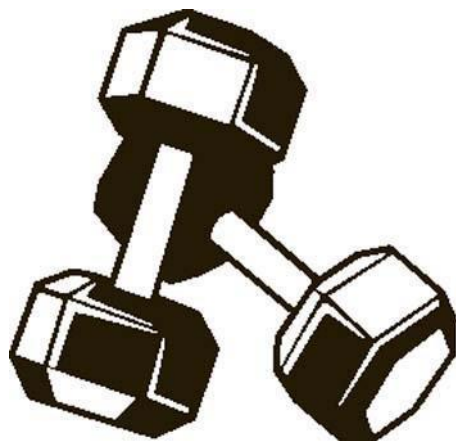
**Credit Value: 1.0**

**Grade Level: 10**

**Course Length: One Year**

**Prerequisite: None**

Personal Wellness 10 is a full year class that includes both Physical Education and Health. Students will have roughly two weeks of Physical Education followed by two weeks of Health Education and this rotation will continue the entire year. This will allow students to receive some physical activity and recreation throughout the whole school year. Our ultimate goal is for the students to learn the importance of an active lifestyle and healthy living. In Physical Education students will not only learn about the importance of being physically fit, but will be introduced to many team sports and lifelong activities. In the Health portion, students will discuss topics such as communicable diseases, noncommunicable diseases, medicines, illegal drug use, alcohol & tobacco use, the life cycle, abstinence, STD's, stress, nutrition and mental health.



## Physical Education 9

**Credit Value: 0.50**

**Grade Level: 9**

**Course Length: One Semester**

**Prerequisite: None**

This course will be taught as a co-ed class throughout the year with an emphasis on developing an awareness of the importance of physical fitness. Many different physical activities are taught and many individual "lifetime" sports will be included. An attempt is made to interest every student in at least one activity they will use in their leisure time.

\*\*One semester of Phy Ed 9 is required for graduation. 9<sup>th</sup> grade students can take an additional semester of Phy Ed 9 as an elective if desired.

## Yoga and Core Training

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course is designed to introduce students, safely and accessibly, to the basic postures, breathing techniques, and relaxation methods of Yoga. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve built up stress, learn to relax, and ultimately get more out of day- to-day life. The course will also go in depth on the importance of Core Training, focusing on the values and different techniques used to build the core.

## Weight Training I

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: None**

The ultimate goal of Weight Training 1 is to learn the purpose of weight training. During the course of the class, you will learn the importance of training upper body vs lower body, front of the body vs back of the body, etc. Students will learn how to lift weights correctly and will follow along with the program provided. Students can utilize what they have learned in this course and apply it to their future workouts in order to live a healthy and active lifestyle.

## Weight Training II

**Credit Value: 0.50**

**Grade Level: 10-11-12**

**Course Length: One Semester**

**Prerequisite: Weight Training I**

Are you a basketball player wanting to jump higher? A dancer hoping to strengthen oneself to prevent injuries? The goal of Weight Training 2 is to create your own successful workout schedule. Students will take the information they have gathered from WT1 and come up with a program that best fits their needs. Strength is a necessity in life, but different people need different types of strength. Students will track their progress daily, with summative calculations at the end of the class.



# SCIENCE

## Integrated Science

**Credit Value: 1.0**

**Grade Level: 9**

**Course Length: One Year**

**Prerequisite: None**

This is an introductory course that draws upon the principles of several scientific specialties—earth science, physical science, biology, chemistry and physics—and organize the material into multiple thematic units. Units may be developed around themes such as systems, models, energy, patterns, or change and constancy. These courses use appropriate aspects from each science specialty to investigate applications of the theme.

## Biology

**Credit Value: 1.0**

**Grade Level: 10**

**Course Length: One Year**

**Prerequisite: None**

Biology involves the study of life. It includes an exploration and discussion of the unique characteristics of living organisms that set them apart from the non-living. Topics include basic biochemistry, ecology, the cell, genetics and DNA, and the role humans play as they interact with the world.

## Chemistry

**Credit Value: 1.0**

**Grade Level: 11**

**Course Length: One Year**

**Prerequisite: Physical Science**

This course covers physical science methods, solids, liquids, and gases. Classification of matter, atomic structure, the periodic table, chemical bonds, acids, bases, and salts. Also covered will be organic and biological compounds, elements and their properties, chemical reactions and stoichiometry. This course is intended for students who can work independently and at a faster pace. It will serve as a good introduction to chemistry classes that students may take in college. This course is intended for individuals who intend on majoring in science or engineering in college.

**Anatomy and Physiology** (Not offered in the 2023-2024 school year)

**Credit Value: 1.0**

**Grade Level: 11-12**

**Course Length: One Year**

**Prerequisite: Teacher approval**

Human Anatomy and Physiology is a laboratory-based course that investigates the structure (anatomy) and function (physiology) of the human body. The main goal of this course will be to prepare students for future science classes in college. Topics covered will include the major body systems, basic organization of the body, and anatomical and medical terminology. Although the lab portion will include several dissections, including a dissection of a fetal pig, students will also be expected to read the required text, and complete assignments and group projects.

## Advanced Biology

**Credit Value: 1.0**

**Grade Level: 11-12**

**Course Length: One Year**

**Prerequisite: Teacher approval**

- ***Concurrent enrollment with Ridgewater College (4 credits). This class requires teacher approval. Students must meet PSEO eligibility requirements.***

This course will be a study of the major themes in biology including the nature of life, genetics, evolution, and biological diversity as seen in the six kingdoms of life. Students will have a better understanding of the world in which they live through appreciation and respect for the amazing intricacies of living organisms and the environment in which they live.



# SOCIAL STUDIES

## American History 9

**Credit Value: 1.0**

**Grade Level: 9**

**Course Length: One Year**

**Prerequisite: None**

This is an American History course covering the period of 1850 to the events leading up to Vietnam.

## American History 10

**Credit Value: .50**

**Grade Level: 10**

**Course Length: One Semester**

**Prerequisite: American History 9**

This is an American History course covering the period from 1975 to 2001. This course provides a more in-depth study of topics covered in ninth grade, with emphasis on the 20<sup>th</sup> century American and the Cold War.

## World Geography 10

**Credit Value: 0.50**

**Grade Level: 10**

**Course Length: One Semester**

**Prerequisite: None**

The major purposes of this class are to interest students in the world around them and formulate an appreciation of other countries' culture, society, and physical uniqueness, explain the interrelationships between countries of the world, and be able to locate and identify countries of the world. Students considering admission at a state university should take the full year course, as it is an admission requirement.



## Current Events

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

In this course we study daily current events and units of current concerns. This includes knowing locations of countries on a map, their capitals, and leaders of major countries. We use TV news programs, news magazines, and daily newspapers. Skills such as determining fact and opinion, reading political cartoons, and reading graphs charts will be taught. In an election year the election will be closely followed. It is a course on the day-to-day happenings in our world.

## Economics

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course is an examination of the modern world of economics at work. Emphasis will be on concepts that we live within our own nation and to some extent with our world. We will pay special attention to the terminology of economics as is reflected in the daily news. Students may better comprehend the economic activities of the country. Income tax will also be studied.

## Government

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This class will cover the American Federal System, including national, state and local government. Units will be on the executive, legislative, and judicial branches, state government, voting, citizenship and the United States Constitution.

## Psychology

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This class will be an introduction to the field of psychology. The history of psychology, methods used in psychology, the field of psychology today and careers in psychology are some of the areas that will be covered. There will be special emphasis on the brain and its functions.

## Sociology

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This class includes units on social problems, as well as sociological concepts. Some of the topics covered in the course include domestic abuse, aging, and sexual assault.

## The World Post 9/11

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

This course begins with events that took place on the tragic day of September 11th, 2001 and then continues with many historical events that followed. Students will be given an in depth look at the wars in Afghanistan, Iraq, and the subsequent dealings with the Islamic State (ISIS).

## World History

**Credit Value: 1.0**

**Grade Level: 11-12**

**Course Length: One Year**

**Prerequisite: None**

This is a summary course designed to give the student an overview of some of the major events in world history and how these events have shaped civilization and our world today.

## World Religions (Not offered in the 2023-2024 school year)

**Credit Value: 0.50**

**Grade Level: 11-12**

**Course Length: One Semester**

**Prerequisite: None**

World Religions is a survey class that introduces the world's major religions, including their belief systems and their impact on civilization. This class is discussion based so bring your voice to the conversation.

# LIST OF ELECTIVE CLASSES

The following is a list of courses that count as electives. Once you have fulfilled your graduation requirements, all additional courses are considered electives.

## **Agriculture: (available 10<sup>th</sup>-12<sup>th</sup> grade)**

Advanced Minnesota Wildlife/Natural Resources  
Advanced Welding  
Advanced Woodworking  
Ag Leadership  
Agricultural Physics  
Agriculture Technology Design - CAD/CAM Design  
Intro to Agronomy (Ridgewater)  
Animal Care – Veterinary Science  
Construction Skills I  
Construction Skills II  
Crop and Soil Science  
Exploring Food, Fuel, and Fibers  
Intro to Animal Science (Ridgewater) (not offered in 2023-24 school year)  
Large Animal Care Production  
Minnesota Wildlife/Natural Resources  
Small Engines  
So(w) Green – Horticulture Basics  
Machine Woodworking  
Welding/Metal Fabrication

## **Art: (available 10<sup>th</sup>-12<sup>th</sup> grade)**

Introduction to Art  
Intermediate Art  
Graphic Design  
Independent Art

## **Business: (available 10<sup>th</sup>-12<sup>th</sup> grade)**

Accounting I  
Accounting II  
Entrepreneurship (not offered in 2023-24 school year)  
Creating Entrepreneurial Opportunities (CEO)  
Business and Personal Law  
HRM & International Business  
Interpersonal/Career Exploration (available 9<sup>th</sup>-12<sup>th</sup>)  
Intro to Microsoft Office  
Small Business Management  
Sports Entertainment/Social Media Marketing

## **English: (available 11<sup>th</sup>-12<sup>th</sup> grade)**

College Speech (Ridgewater)  
College Essay (Ridgewater)  
Creative Writing  
MACCRAY Media  
Film Studies  
Novel

## **Foreign Language: (available 9<sup>th</sup>-12<sup>th</sup> grade)**

Spanish I  
Spanish II  
Spanish III

## **Driver's Education (available 9<sup>th</sup>- 12<sup>th</sup> grade)**

Driver's Education

## **Math: (available 11<sup>th</sup>-12<sup>th</sup> grade)**

Probability and Statistics  
College-Prep Math  
College Calculus (SMSU) (12<sup>th</sup> grade only)

## **MRVED CTE Courses: (available 10<sup>th</sup>-12<sup>th</sup> grade)**

Carpentry Career Cluster (CTE)  
CDL and Transportation Careers (CTE)  
Child Development (CTE)  
Family and Teen Issues (CTE)  
Food and Nutrition (CTE)  
Industrial Construction Methods (CTE)  
Internships (CTE)  
Intro to Computer Aided Drafting and Design – CADD (CTE)  
Intro to Education (CTE)  
Intro to Engineering Design – IED/PLTW (CTE)  
Intro to Medical Careers (CTE)  
Nursing Assistant (CTE)  
Powerline Technician – Generation, Transmission, Distribution (CTE)  
Welding Principles (CTE)

## **Music: (available 9<sup>th</sup>-12<sup>th</sup> grade)**

Band  
Choir  
Introduction to Music (available 8<sup>th</sup>-10<sup>th</sup> grade)

## **Physical Education: (available 10<sup>th</sup>-12<sup>th</sup> grade)**

Lifetime Fitness  
Weight Training I  
Weight Training II  
Yoga and Core Training

## **Science: (available 12<sup>th</sup> grade)**

Anatomy and Physiology (not offered in 2023-2024 school year)  
College Biology (Ridgewater)

## **Social Studies: (available 11<sup>th</sup>-12<sup>th</sup> grade)**

Current Events  
Psychology  
Sociology  
The World Post 9/11  
World Religions (not offered in 2023-2024 school year)