# MACCRAY High School

# Registration Packet

# 2026-2027

# 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 2026-2027 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.

Service hours must be earned at times when school is not in session unless a project in 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)

Science (3)
- Earth and Space Science (1)
- Biology (1)
- Chemistry or Food Chemistry (1)

Health/Phy Ed (1.5)
- Phy Ed 9 (.5)
- Personal Wellness 10 (1)

Arts (1)

Career and Technical Education (1)
- Agriscience 9 (.25)
- Art 9 (.25)
- Business 9 (.25)
- Ag Manufacturing 9 (.25)

Financial Literacy (.5)

Electives (9)

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, Yearbook/Media Literacy

# 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 ⅓ and high school seniors must rank in the top ½ of their class.

| MACCRAY Course | SMSU Course | # of College Credits |
|---|---|---|
| College Algebra (Semester) | MATH 110 | 3 Credits |
| College Trigonometry (Semester) | MATH 125 | 3 Credits |
| College Calculus (Year) * | MATH 150 | 5 Credits |

*Offered as requested

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

| MACCRAY Course | Ridgewater Course | # of College Credits |
|---|---|---|
| Agronomy (Semester) | AGRI 0112/1660 | 3 Credits |
| Animal Science (Semester) | AGRI 0126/1810 | 3 Credits |
| College Biology (Year) | BIOL 1000 | 4 Credits |
| College Public Speaking (Semester) | CMST 2200 | 3 Credits |
| College Composition I (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.

**Architecture and Construction Careers CTE Courses**

- Welding Certificate – offered Fall 2026 and Spring 2027 (Full-year) – 9 college credits

**Transportation Careers CTE Courses**

- Commercial Drivers License (CDL) Lerner Permit Preparation – offered Spring 2027 semester – 1 college credit

**Career Exploration and Advancement CTE Courses**

- Internships Course – offered Fall 2026 and Spring 2027 semesters

**Culinary Careers CTE Courses**

- Food and Nutrition - offered Fall 2026 and Spring 2027 semesters

**Education Careers CTE Courses**

- Child Development – offered Fall 2026 and Spring 2027 semesters
- Family and Teen Issues – offered Fall 2026 and Spring 2027 semesters
- Child Development Associate (CDA) I – offered Fall 2026
- Child Development Associate (CDA) II – offered Spring 2027
  **Students need to complete CDA I and II in order to qualify for CDA Certification

**Health Care Careers CTE Courses**

- Certified Nursing Assistant (CNA)** – offered Fall 2026 – 3 college credits
- Medical Terminology in Healthcare** – offered Fall 2026 – 2 college credits
- CPR/First Aide** – offered Fall 2026 – 1 college credit
- Trained Medication Aide (TMA)** – offered Spring 2027 – 3 college credits
- Body Structure and Function** – offered Spring 2027 – 3 college credits
- Introduction to Healthcare Careers** – offered Spring 2027 – 3 college credits
  **These courses are offered as a Healthcare Career Pathway bundle and should be registered for as a group

- Emergency Medical Technician (EMT) – offered Fall 2026 and Spring 2027 (Full-year) – 7 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

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
- College Public Speaking
- American Literature
- British Literature
- Composition/Literature 9
- Composition/Literature 10
- Composition
- College Composition I

**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
- Functions, Statistics,
  & Trigonometry (FST)
- College Algebra
- College Calculus
- College Trigonometry

**Natural/Physical Science**

- Advanced Biology
- Anatomy and Physiology
- Biology
- Chemistry
- Earth and Space Science

**Additional Core Courses**

- Spanish I
- Spanish II

# AGRICULTURE

## 9th grade Classes

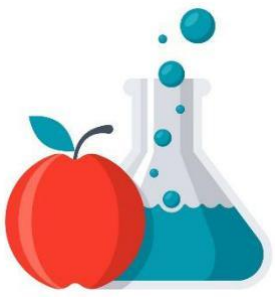
**Agriscience 9**
**Credit Value: .25**
**Grade Level: 9**
**Course Length: One Quarter**
**Prerequisite: None**
This class is an introduction to the agriculture industry. Explore the world of Agriculture through plants, animals, and food. Throughout the quarter we will focus on beef production, landscape design, and food science. We will learn through hands-on activities such as drafting landscape plans, becoming an expert in beef breeds, and gaining life-long cooking skills.

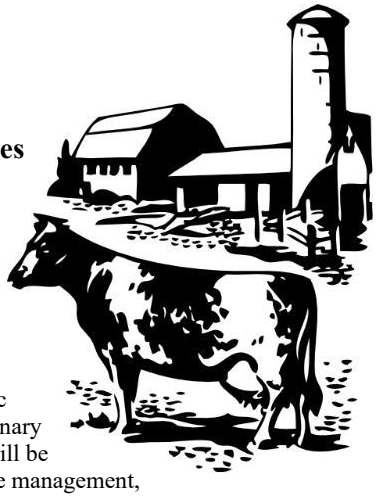
**Ag Manufacturing 9**
**Credit Value: .25**
**Grade Level: 9**
**Course Length: One Quarter**
**Prerequisite: None**
An introduction in Ag Manufacturing for 9th graders. Learn to design, build with wood and weld as we head out to the shop and develop your skills. Students will have the opportunity to 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 every day. 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. Students must complete the full year of Food Chemistry for credit.***

**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

**Small Animal Veterinary Science**
**Credit Value: 0.5**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
This class will focus on basic Small animal care and veterinary sciences. Some topics that will be covered are nutrition, disease management, grooming, breed selection, anatomy, housing, record keeping, and careers. There might be 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.

**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 large animals such as beef, swine, sheep, dairy, poultry, and goat species. This class will focus more on the care, feeding and management of each species. The following topics will be included: species breeds, nutrition, digestive system, housing, and animal husbandry.

**Intro to Animal Science**
**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. Learn basic skills of working with various animal species. Learn about genetics, breeds, nutrition, animal health and more. This class also typically has the opportunity to have hands-on experiences with ultrasound, artificial insemination, feed rations, feed testing, dissections and more.

## Natural Resource Systems Classes

**MN Wildlife and Natural Resources**
**Credit Value: 0.50**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
Throughout this course 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. We will continue to use the school wildlife area.

## Plant Systems Classes

**Introduction to Agronomy (not offered in the 2026-27 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)***
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 plans 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 Production and Soil Analysis**
**Credit Value: 0.50**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
This hands-on course will focus on ways to maximize crop production and maximize a farm's profitability. 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. Students will have the opportunity to run experiments, analyze crop trials, take soil samples and tour agricultural industries that work with crop production and soil testing. 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.

**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 plants (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, and much more! This will be a hands-on class, and students will get to spend time in the school greenhouse applying their knowledge.

**Farm Business Management**
**Credit Value: 0.50**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
In this course, we will learn the basics of running a successful farm operation, whether it is livestock, grain, or both. Topics include but are not limited to budget analysis, marketing options, cash flow statements, and risk avoidance. Students will learn to analyze financial statements, create budgets, and explore financing options. Students will also develop an agribusiness plan that will equip them with skills in decision making, record keeping, financing and much more.

## Power, Structural, and Technical Systems Classes

**Small Engines and Electricity**
**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 parts and tools, carburetor and ignition systems. We will spend time learning how to tear down and rebuild engines. We will also explore the fundamentals of electricity, including voltage, current, resistance, and power. We will learn how to work with electrical components, understand safety practices, and develop practical skills for wiring simple electrical systems.

**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 A**
**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 B**
**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 Fabrication and Design**
**Credit Value: 0.50**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
Agriculture Fabrication and Design is a hands-on, project-based course designed to equip students with the technical skills and engineering principles used in the modern agricultural industry. Students move beyond basic shop skills to focus on the design, structural analysis, and construction using various materials including wood and metal. This course will be using programs such as Sketchup, Torchmate and VCarve Pro. You will be using CAD/CAM software to design projects that you will then manufacture in class. From designing custom livestock equipment to making farm equipment to scale, this course bridges the gap between creative problem-solving and industrial application.

**Agriculture Technologies and Robotics**
**Credit Value: 0.50**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
The modern farm is a high-tech laboratory. Agriculture Technologies and Robotics is a hands-on class that will explore many of the new technologies in agriculture. Students will move from the classroom to the "innovation lab," where they will design and build robots, fly drones, work with precision agriculture equipment and explore the many new innovations in agriculture. This class will also have guest speakers coming in and will go on at least one tour.

## Leadership Development Classes

**Emerging Leaders**
**Credit Value: 0.50**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
Emerging Leaders is a class that takes all of life's "little lessons" and wraps it all into one class with an agricultural twist. Whether you are a member, captain, or officer of sporting or non-sporting teams, have an after-school job, in any type of organization, you can benefit from this course. The goal of this class is to help you discover and develop your leadership and personal growth, which will lead to career success. The course content centers on helping you make good decisions, developing good habits, setting, and achieving goals, and preparing for future jobs.

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

**Welding Certificate**
**Credit Value: 2.0**
**Grade Level: 10-11-12**
**Course Length: One Year**
**Prerequisite: None**
***CTE Course, Concurrent enrollment with MN West (9 credits)***
***This course is open for Fall 2025 and Spring 2026 semesters***
This full-year 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 M-F in Fall Semester and T-Th in Spring Semester, 1st and 2nd hours, with online work and job-related experiences. Students provide their own transportation.

## 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 $10^{th}$ or $11^{th}$ 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 students' 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**
**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 "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 learners. 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.

**Financial Literacy**
**Credit Value: 0.50**
**Grade Level: 11**
**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.
****This class is a requirement for graduation.**

**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 1st and 2nd 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, novels, 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 Composition I**
**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 Public Speaking**
**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**
**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.

**Yearbook / Media Literacy**
**Credit Value: 1.0**
**Grade Level: 11-12**
**Course Length: One year**
**Prerequisite: None**
Students in this course work as a team to document the history of a year at MACCRAY by completing a quarterly district newsletter and the final MACCRAY Middle/High School yearbook. Students will be responsible for covering school events, conducting interviews, taking and editing photographs, writing articles, designing layouts, and creating marketing campaigns. Students get out of the classroom to interact with classmates, staff, administrators, coaches, and community members to gather information, sell advertising to local businesses, and promote school publications. Emphasis is placed on professionalism, teamwork, journalistic ethics, and effective communication—both digital and in person. While the newsletter and yearbook are meant to be a positive reflection of student successes and accomplishments at MACCRAY, the class will also cover other aspects of media literacy, digital citizenship, and interpersonal communication skills in daily assignments that may not be seen in the newsletter. This class is a balance of a technology-driven world with the importance of face-to-face communication, professional collaboration, and ethical storytelling through writing and photography.

**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 work.



# WORLD LANGUAGE

**Spanish I**
**Credit Value: 1.00**
**Grade Level: 9-10-11-12**
**Course Length: One Year**
**Prerequisite: None**
¡Hola! Ready to experience a new world? In Spanish 1, you'll begin your exciting journey of language and culture.

- Explore the world: Discover the vibrant cultures of Spanish-speaking countries through music, cultural video clips, and engaging stories.
- Communicate in a new language: Learn to introduce yourself, talk about your hobbies and interests, and order in a restaurant.
- Develop essential skills: Master the basics of Spanish grammar and vocabulary while practicing listening, reading, and some speaking and writing.

You'll work toward achieving Novice Mid (or higher) proficiency in Spanish, as defined by ACTFL. ¡Vamos! Let's go!

**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**
¡Aventuras en español! Experience more adventures in Spanish 2! Build upon your language skills from Spanish 1 and deepen your understanding of the Spanish-speaking world.

- Travel the world (virtually!): Explore diverse cultures through music, short stories, short novels, and more.
- Become a more confident communicator: Practice speaking skills in pairs.
- Advance your skills: Build your listening, reading, and writing skills in the present and past tense.

By the end of this course, you'll be well on your way to achieving Novice High (or higher) proficiency in Spanish, as defined by ACTFL. ¡Prepárate para la aventura!

**Spanish III**
**Credit Value: 1.00**
**Grade Level: 11-12**
**Course Length: One Year**
**Prerequisite: Spanish II**
¡Prepárate para el futuro! Spanish 3 helps you prepare for real-life and college experiences with language and culture.

- Engage in deeper conversations: Discuss current events, explore diverse perspectives, and share your own opinions in Spanish.
- Enjoy language learning opportunities: Learn songs and present a biography about your childhood.
- Refine your grammar and vocabulary: Grow your vocabulary and build your language skills in a variety of verb forms in the past, present, and future.

You'll work toward achieving Novice High (or higher) proficiency in Spanish, as defined by ACTFL. ¡Adelante! Let's go further!

**There is a prerequisite of C+ or higher in Spanish II or approval of the instructor.

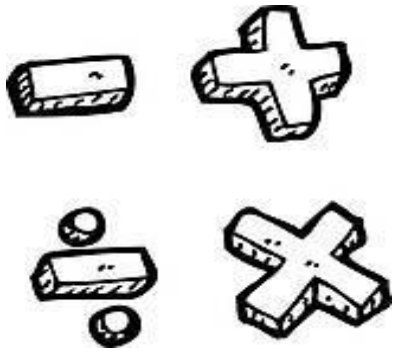
**Spanish IV**
**Credit Value: 1.00**
**Grade Level: 11-12**
**Course Length: One Year**
**Prerequisite: Spanish III**
¡Habla con confianza! Speak with confidence in Spanish 4! Spanish 4 is a continuation of Spanish 3 and may occur with Spanish 3 students. You will continue to build your reading, listening, speaking, and writing skills as well as your accuracy in the language.

You'll work toward achieving Intermediate Low (or higher) proficiency in Spanish, as defined by ACTFL. Students have the opportunity to earn college credits in Spanish through the MN Bilingual Seals program. ¡Adelante! Let's go further!

**There is a prerequisite of C+ or higher in Spanish III or approval of the instructor.



# 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 (CTE) COURSES

**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 2026 and Spring 2027 semesters***
In this online class, students will learn about the physical, emotional, social and intellectual development of children 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 no 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.

**Family and Teen Issues**
**Credit Value: 0.5**
**Grade Level: 10-11-12**
**Couse Length: One Semester**
**Prerequisite: None**
***Online CTE Course***
***This course is open for Fall 2026 and Spring 2027 semesters***
In this 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.

**Emergency Medical Technician (EMT)**
**Credit Value: 2.0**
**Grade Level: 12**
**Course Length: One Year**
**Prerequisites: None**
***CTE Course, Concurrent enrollment with MN West (7 credits)***
***This course is open for Fall 2026 and Spring 2027 semesters***
This is full-year class in which students will receive training towards certification as an Emergency Medical Technician. Students will have a minimum of 10 patient contacts (done during the 2nd semester). Upon completing classroom requirements and clinical requirements (10 patient contacts), students will be eligible to take the test for National Registry EMT certification. This class will run for 2 class periods at MN West T-Th 1st and 2nd hours. Students provide their own transportation.

**Food and Nutrition**
**Credit Value: 0.5**
**Grade Level: 10-11-12**
**Couse Length: One Semester**
**Prerequisite: None**
***Online CTE Course***
***This course is open for Fall 2026 and Spring 2027 semesters***
In this online class, 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. 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.

**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 2026 and Spring 2027 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 1st and 2nd 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 2027 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.

**Welding Certificate**
**Credit Value: 2.0**
**Grade Level: 10-11-12**
**Course Length: One Year**
**Prerequisite: None**
***CTE Course, Concurrent enrollment with MN West (9 credits)***
***This course is open for Fall 2026 and Spring 2027 semesters***
This full-year 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 M-F in Fall Semester and T-Th in Spring Semester, 1st and 2nd hours, with online work and job-related experiences. Students provide their own transportation.

## Healthcare Career Pathway Bundle

In the Healthcare Career Pathway Bundle, students will earn up to 15 college credits in six classes that will be helpful or prerequisites for healthcare-related college programs. The bundle includes three college courses in Fall Semester (6 credits) and three college courses in Spring Semester (9 credits). These courses should be registered for as a group, not individually.

**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 2026 semester***
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, 1st and 2nd hour on T/Th at the Minnesota West campus in Granite Falls. Students provide their own transportation.

**Medical Terminology in Healthcare****
**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 2026 semester***
Medical Terminology in Healthcare provides students with working knowledge of medical terminology and application of the terminology within the health professions. In this completely online course, students can watch pre-recorded lectures from the instructor on their own time. The instructor will be available at Minnesota West on Fridays from 8:15 – 9:30 am for students to ask questions or get course support.

**CPR/First Aid****
**Credit Value: 0.5**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
***CTE Course, Concurrent enrollment with MN West (1 credit)***
***This course is open for Fall 2026 semester***
The CPR/First Aid course provides the skills necessary to become certified in CPR, First Aid, and AED. This credit and the certificates are required for admittance in many healthcare programs. This class will run for 2 class periods, 1st and 2nd hour on Wednesdays at the Minnesota West campus in Granite Falls. Students provide their own transportation.

****All of these courses should be registered for as a bundle, not individually.**

**Trained Medication Aide (TMA)****
**Credit Value: 0.75**
**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 2027 semester***
Trained Medication Aide includes the study of legal requirements of medications and medication administration, general information on medications, terminology, abbreviations, applicable terminology, and an overview of body systems and drug classifications related to medication administration while utilizing designated reference sources. The students will study the ten major body systems and how they are involved in the pharmacology of drug use. Upon completion of the course, and meeting federal and state guidelines, the student will receive a Trained Medication Aide Certificate. This class will run for 2 class periods, 1st and 2nd hour on T/Th at the Minnesota West campus in Granite Falls. Students provide their own transportation.

**Body Structure and Function****
**Credit Value: 0.75**
**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 2027 semester***
Body Structure & Function introduces the study of human anatomy and physiology from a healthcare perspective. A study of body organization, chemistry, cells and tissues leads into exploring the normal structure and function of each body system. Emphasis is also placed on terminology and abbreviations. This class will run for 2 class periods, 1st and 2nd hour on M/W at the Minnesota West campus in Granite Falls. Students provide their own transportation.

**Introduction to Medical and Health Careers****
**Credit Value: 0.75**
**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 2027 semester***
Explore a wide variety of medical/healthcare careers in various settings. This class can help you determine if a career in medical/health science is right for you and narrow down the possible areas you might consider. Students participate in an in-depth study and exposure to medical/health science careers, career planning, employability skills, basic terminology, ethics, wellness, disease and safety.
***Students may be required to have up to date vaccinations and a Mantoux screening, which is a simple skin test required by many healthcare employers.*



## Child Development Associate (CDA) Pathway

The Child Development Associate (CDA®) Pathway, consisting of Child Development I and Child Development II, prepares students to begin working toward the Child Development Associate (CDA®) credential by developing foundational knowledge and practical skills aligned to the eight CDA® Subject Areas. This course sequence provides students with early exposure to the early childhood education profession while supporting academic, career, and workforce readiness.

**Students need to complete both CDA Child Development I and CDA Child Development II and will need to accumulate 480 hours of pre-school or childcare experience in a licensed daycare center to be eligible for certification.

**CDA Child Development I**
**Credit Value: 0.5**
**Grade Level: 10-11-12**
**Course Length: One Semester**
**Prerequisite: None**
***Online CTE Course***
***This course is open for Fall 2026 semester***

Child Development I introduces students to the principles of child development and learning, focusing on how children grow and develop physically, cognitively, socially, and emotionally from birth through age five. Students learn to plan safe and healthy learning environments that promote children's well-being and meet basic health and safety standards. Emphasis is placed on supporting children's social and emotional development, including positive guidance strategies and responsive caregiving practices. Students also begin developing skills in observing and recording children's behavior to better understand individual needs and developmental progress.

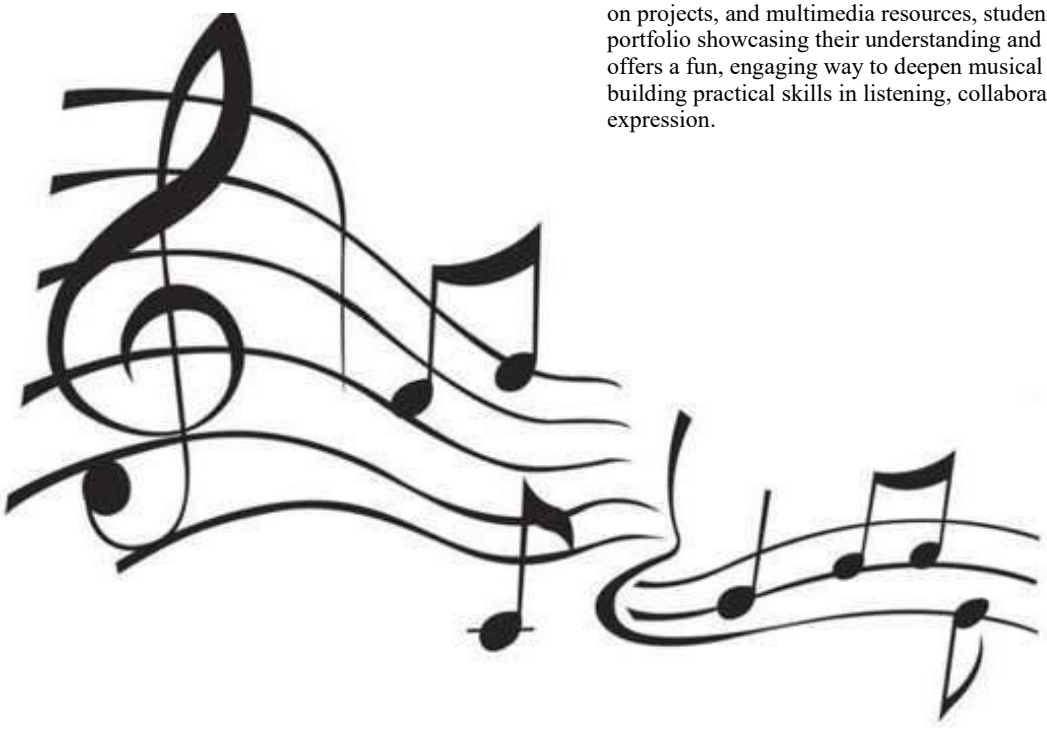
**CDA Child Development II**
**Credit Value: 0.5**
**Grade Level: 10-11-12**
**Couse Length: One Semester**
**Prerequisite: None**
***Online CTE Course***
***This course is open for Spring 2027 semester***

Child Development II builds on this foundation by deepening students' understanding of instructional planning and professional practice. Students focus on advancing children's physical and intellectual development through the design of developmentally appropriate activities and learning experiences. The course emphasizes building productive relationships with families, recognizing families as partners in children's learning and development. Students also explore managing effective program operations, including organization, communication, and adherence to policies and procedures that support high-quality early childhood programs.



# 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**
High School Choir is open to all students, regardless of skill level. Students will develop their vocal abilities, learn music theory, and explore a variety of musical styles. The course focuses on both group and individual singing, with required attendance at all rehearsals and all scheduled performances. Students must attend at least one lesson per quarter. Opportunities to perform in solos, small ensembles, and special groups are also available. Choir can be taken each year of high school.

**Introduction to Music**
**Credit Value: 1.00**
**Grade Level: 8-10**
**Course Length: One Year**
**Prerequisite: None**
This course introduces high school students to music's evolution, from ancient times to modern genres. Students will learn music theory, including reading music, understanding notation, and applying the elements of music such as rhythm, melody, harmony, and form. The course also explores music careers and connects music to subjects like history, literature, and math. Through lectures, hands-on projects, and multimedia resources, students will develop a portfolio showcasing their understanding and creativity. This course offers a fun, engaging way to deepen musical knowledge while building practical skills in listening, collaboration, and self-expression.

# 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: 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.

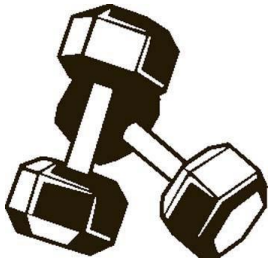
**Officiating High School Sports**
**Credit Value: 0.50**
**Grade Level: 11-12**
**Course Length: One Semester**
**Prerequisite: None**
This course is designed to introduce students to all aspects of becoming a high school athletic official. There is a shortage of high school athletic officials nationwide, and there is a need to recruit young men and women into this field. During this course you will learn what it takes to become an official, what to expect as an official, and all the steps necessary to become an official. You will learn rules and regulations of football, volleyball, basketball, baseball, softball, and wrestling.

**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. 9th 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: 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: 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 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: 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 II is to create your own successful workout schedule. Students will take the information they have gathered from Weight Training I 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.
**Students must successfully complete Weight Training I to take Weight Training II; successful completion of Weights I will be determined by the instructor.

# SCIENCE

**Earth and Space Science**
**Credit Value: 1.0**
**Grade Level: 9**
**Course Length: One Year**
**Prerequisite: None**
Earth and Space Science 9 focuses on understanding Earth's place in the universe, its systems including the atmosphere and geological processes, and how human activity impacts the planet, covering topics like the solar system, plate tectonics, weather patterns, natural resources, and the rock cycle, with an emphasis on scientific inquiry and applying knowledge to real-world situations.

**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: Earth and Space 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.
***Students must complete the full year of Chemistry for credit. Switching to Food Chemistry at semester break is not allowed.***

**Anatomy and Physiology**
**Credit Value: 1.0**
**Grade Level: 11-12**
**Course Length: One Year**
**Prerequisite: Teacher approval for juniors; Chemistry and teacher approval for seniors**
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 (not offered in the 2026-27 school year)**
**Credit Value: 1.0**
**Grade Level: 11-12**
**Course Length: One Year**
**Prerequisite: Teacher approval for juniors; Chemistry and teacher approval for seniors**

- ***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 World War II. This course provides an in-depth look at American history of the late 1800's and early 1900's.

**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 1940-1970. This course provides a more in-depth study of events of the 20th century. Topics covered include a brief review of WWII, the Cold War, the Korean War, the Civil Rights movement and the war in Vietnam.

**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 is an introduction to the field of psychology. Psychology is the scientific study of the mind, mental processes and behavior, exploring how individuals and groups think, feel and act. We will study the history of psychology, influential psychologists, methods of research and how they impact society, and different careers in psychology. We will study the different stages of cognitive and social development as you go through life (birth- death/dying). We will study the role family and peers play in this development. We spend a bit of time covering teenagers in crisis. At the end of the semester, we will take a look at the brain and its different functions.

**Sociology**
**Credit Value: 0.50**
**Grade Level: 11-12**
**Course Length: One Semester**
**Prerequisite: None**
This class is an introduction to Sociology and pairs nicely with Psychology. Sociology is the study of social life, social change, and the social consequences of human behavior. We investigate the structure of groups, organizations, and societies, and how people interact within these. Some of the units covered are on social problems, agents of socialization and how they impact each stage of life. We spend a good deal of time in classroom/group discussions. We will look at what makes people behave differently in different groups. Other topics covered are domestic abuse, sexual assault, and aging.

**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.

# 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 10th-12th grade)**
Agriculture Fabrication and Design
Agriculture Technologies and Robotics
Intro to Agronomy (Ridgewater) ****Not offered in 2026-27 school year**
Construction Skills A (Sem 1)
Construction Skills B (Sem 2)
Crop Production and Soil Analysis
Emerging Leaders
Exploring Food, Fuel, and Fibers
Farm Business Management
Intro to Animal Science (Ridgewater)
Large Animal Care Production
Minnesota Wildlife/Natural Resources
Advanced Minnesota Wildlife/Natural Resources
Small Animal Veterinary Science
Small Engines and Electricity
Horticulture Basics
Machine Woodworking
Advanced Woodworking
Welding/Metal Fabrication
Advanced Welding

**Art: (available 10th-12th grade)**
Introduction to Art
Intermediate Art
Graphic Design
Independent Art

**Business: (available 10th-12th grade)**
Accounting I
Accounting II
Entrepreneurship
Creating Entrepreneurial Opportunities (WC-CEO)
Business and Personal Law
HRM & International Business
Interpersonal/Career Exploration **(available 9th-12th)**
Intro to Microsoft Office
Small Business Management
Sports Entertainment/Social Media Marketing

**English: (available 11th-12th grade)**
College Public Speaking (Ridgewater)
College Composition I (Ridgewater)
Creative Writing
Yearbook / Media Literacy
Film Studies
Novel

**World Language: (available 9th-12th grade)**
Spanish I
Spanish II
Spanish III
Spanish IV

**Driver's Education (available 9th – 12th grade)**
Driver's Education

**Math: (available 11th-12th grade)**
Probability and Statistics
College-Prep Math
College Calculus (SMSU)

**MRVED CTE Courses: (available 10th-12th grade)**
CDL and Transportation Careers (MN West)
Child Development (online)
Child Development Associate (CDA) I
Child Development Associate (CDA) II
Emergency Medical Technician- EMT (MN West)
Family and Teen Issues (online)
Food and Nutrition (online)
Internships
Healthcare Career Pathway Bundle – MN West
- Nursing Assistant- CNA
- Medical Terminology in Healthcare
- CPR/First Aide
- Trained Medication Aide- TMA
- Body Structure and Function

Welding Certificate (MN West)

**Music: (available 9th-12th grade)**
Band
Choir
Blended Music
Introduction to Music **(available 8th-10th grade)**

**Physical Education: (available 11th-12th grade)**
Lifetime Fitness
Weight Training I
Weight Training II
Yoga and Core Training
Officiating High School Sports

**Science: (available 11th-12th grade)**
Anatomy and Physiology
College Biology (Ridgewater) ****Not offered in 2026-27 school year**

**Social Studies: (available 11th-12th grade)**
Current Events
Psychology
Sociology
The World Post 9/11