

MADELIA HIGH SCHOOL



COURSE OFFERINGS

2023-2024

GRADES 7-12

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Madelia High School Graduation Requirements

Testing Requirements

Students will need to take the MCA III Tests in reading, mathematics and science. Those tests are taken in the following sequence:

Reading: Grade 10 Mathematics: Grade 11 Science: Grade 10 or 11 (when enrolled in Biology)

Credit Requirements

In grade nine (9), students must successfully complete:

- English 9, Civics/Geography 9, Math, Physical Science 9, Physical Education 9, and Computer 9.

In grade ten (10), students must successfully complete:

- American History 10, American Literature 10, Math, Biology 10, and Phy Ed/Health 10.

In grade eleven (11), students must successfully complete:

- World History 11, English (Speech and an elective), Math, Chemistry or Physics.

In grade twelve (12), students must successfully complete:

- English, U.S. Gov't/Economics.

In summary, students in grades 9-12 must earn the minimum number of credits in each area:

English	4 credits	Social Studies	4 credits	Math	3 credits
Science	3 credits	Phy Ed/Health	1.5 credits	Art/Music	1 credit
Computer	.5 credits				

Each student is required to take at least seven classes each year. NO CREDIT will be given for a class unless it is completed within **two weeks** following the end of the term unless there is prior approval by both the principal and teacher.

Total credit requirements for a MHS diploma: 26 credits

COLLEGE ADMISSION INFORMATION

Whether your goal is to attend a state university, community college, technical college, private college or enter the workforce directly, you will have to make some important decisions about your future and about the classes you will choose to accomplish your goals. Students who take a variety of academic courses in high school have the advantage of being well prepared and will keep their options open. The following chart lists high school courses generally recommended for success. The starred areas are minimum requirements for university study.

<u>Area of Study</u>	<u>Recommendation</u>
English	*Four (4) years Covering composition, literature and speech, essay/theme writing including research paper.
Mathematics	* Three (3-4) years 1 year each of Geometry, Adv. Algebra, and Higher level math.
Science	* Three (3) years 1 year each of Physical Science, Biology, and Chemistry or Physics. All three courses with lab experience.
Social Studies	* Four (4) years Including Civics, Geography, U.S. History, World History, and U.S. Government, Economics.
Foreign Language	* Two (2) years At least two years of one language (Spanish).
Additional Courses	One (1) year * Arts – Visual and Performing; Computer Science.

Each institution can recommend or require additional courses.

Be sure to check with the schools you are interested in to see what they require.

College entrance requirements focus on the grade point average of the student, rigor of class schedule, and entrance exams such as the ACT, SAT, and Accuplacer. The Accuplacer is a placement assessment done by two-year colleges focusing on math and English. Its purpose is to determine the skills and knowledge of the student and whether college readiness courses are needed. It is important for students to take a rigorous schedule through their senior year to prepare for college and beyond. The following is testing advised for different post-secondary options.

	<u>Required Tests</u>	<u>Recommended Tests</u>
College – Technical Program	*Accuplacer	
College – Community College	*Accuplacer	ACT
College – Four Year College	*ACT or SAT	Accuplacer

*During the COVID-19 Pandemic, some colleges have changed their admission requirements related to testing. It is best to check the individual college for admission requirements.

MADelia HIGH SCHOOL FOUR-YEAR PLAN

Student Name: _____ Date: _____

1. My present school/career plans after high school graduation:

College: Yes _____ No _____ Unsure _____ If Yes: 4 year _____ 2 year _____

Colleges Interested In: _____

CareerChoice/Interests: _____

Are you interested in playing athletics at the Division I or II level? Yes _____ No _____

2. Schedule of Subjects: Required subjects for each grade level are already typed in. The blank spaces need to be filled with electives (courses you choose). Carefully look over the courses and be sure to discuss selections with your counselor, parents, and teachers.

Grade 9

English 9 _____

Math _____

Physical Science _____

Civics 9/Geography _____

Phy Ed. 9 _____

Basic Computer 9 _____

**Alternate Class

GRADE 9

TOTAL CREDITS _____

Grade 10

Am Literature _____

Math _____

Biology _____

Am History _____

PE/Health 10 _____

**Alternate Class

GRADE 10

TOTAL CREDITS _____

Grade 11

Speech/English elective _____

World History _____

Math _____

(3rd Year Required)

Science _____

(3rd Year Chemistry or Physics Required)

**Alternate Class

GRADE 11**TOTAL CREDITS** _____**Grade 12**

English _____

U.S. Gov't/Economics _____

Math _____

Science _____

**Alternate Class

GRADE 12**TOTAL CREDITS** _____**Total Credits 9-12 = _____****CREDITS NEEDED TO GRADUATE 26**

MADELIA HIGH SCHOOL

Elective Courses

Ag Agricultural Construction Agricultural Electricity & Plumbing Agricultural Manufacturing Agricultural Small Engines Ag Resources & Career Mngmt Intro to Agriculture Large Animal Science Metals & Welding** Natural Resources** Plant Science** Small Animal/Vet Science Speciality & Emerging Power Systems Summer Agriculture Wildlife Management	Art Introduction to Art Drawing Painting Printmaking Sculpture & Ceramics Introduction to Photography Fiber Arts Art Portfolio	Business Accounting I Accounting II Business Law Entrepreneurship Personal Finance
Computer Education Advanced Computer Basic Computer Mobile Computer (College Credit)	English Creative Writing	Fine Arts 3D Modeling* *(online through MN Virtual Academy)Meets fine art credit
Math Pre-Calculus (College Credit) Calculus (College Credit) College Algebra (College Credit)	Music Junior High Band Senior High Band Junior High Choir Senior High Choir Class Guitar	Physical Education/Health Emergency First Responder Lifetime Fitness Strength and Conditioning Weight Training & Conditioning (College Credit) Empower U 7/8
Science Food Chemistry Forensic Science Health Care Core Foundations Medical Terminology Basic Nursing	Social Studies Psychology 101 (College Credit) Sociology	World Language Spanish I Spanish II Spanish for the Spanish Speaker Exploratory Spanish
Other Child Care Development Educational Foundations(College Credit) Work Based Learning Online Electives		

**** Articulation course with South Central College**

COURSE OFFERINGS and DESCRIPTIONS

COURSES MAY NOT BE OFFERED EVERY YEAR

AGRICULTURAL EDUCATION

100 Intro to Agriculture, Food and Natural Resources (Semester 1) Grades 9-10

The students will be exposed to the world's largest industry; Agriculture. Throughout the semester, we will explore areas of FFA organization, Ag History, Dairy Production, Small Animal Care, Soils, Plant Science, Parliamentary Procedure, Wildlife and International Agriculture. Emphasis will be given to developing speaking skills, agricultural careers and leadership development. Each student will complete a Supervised Agricultural Experience project.

101 Large Animal Science (Semester) Grades 10-12

This course will allow students to learn about animal agriculture. They will explore topics including nutrition, genetics, reproduction, selection and care. In this class, there will be opportunities for hands-on experience with animals. This class has Articulation agreements with area colleges.

102 Small Animal and Veterinary Science (Semester) Prerequisite: Animal Science Grades 10-12

Students will explore veterinary science. Coursework includes body systems, disease diagnosis and prevention, and clinical and hospital procedures. Species studied include small animals, poultry, and exotic animals. In this class, there will be opportunities for hands-on experience with animals.

103 Natural Resources (Semester) Grades 10-12

This course will investigate the concepts relating to the biological and physical components of our environment. Specific topics will include soil, air, water, plant and animal relationships, wildlife and domestic animal relationships. This class will also look at the dynamics of the aquatic world and its relationship to land plants and animals. Students will conduct observations and experiments in the SNAP area throughout the semester.

104 Wildlife Management (Semester) Grades 10-12

This course will explore the basic scientific principles in wildlife management. Students will learn characteristics of Minnesota large mammals and upland game and waterfowl. Students will have the choice of making fishing poles or building and maintaining bird houses.

105 Plant Science (Semester) Grades 10-12

Students will learn about how plants grow. There will a large portion of course will include lab work; planting, propagating and caring for plants.

107 Ag Careers and Resource Management (Semester)
Grades 9-12

This course is designed to prepare students with skills to work and live independently. Skills are developed to help students prepare for and apply for a job as well as financial management and communications. Activities include cooking, budgeting, and career exploration.

108 Metals and Welding (Semester)
Grades 10-12

This class is designed to introduce the student to metal and how different types of metals are used and can be used in practical applications. Students will have hands-on experience in arc welding, oxy acetylene, and wire feed welders. This class has Articulation agreements with area colleges.

109 Advanced Metals and Welding (Semester)
Grades 10-12

Students in this course have shown proficiency in Welding and advance their skill. They are expected to demonstrate safe and correct procedures and behavior. They will be a role model to the other students in the class. In addition to their coursework, the students will help other students, perform basic welding machine maintenance and help prep materials for the class. Each student will complete at least 2 projects throughout the semester and work on the collaborative project with the art class.

110 Agricultural Electricity and Plumbing (semester)
Grades 9-12

This class is designed for students who have had little or no experience. There is no prerequisite class. Whatever your post high school goal is - college, industry or the family business - you can benefit from the variety of skills you will begin to develop in this class. Goals for this class include familiarizing you with some maintenance and repair tasks associated with owning a home including basic construction, electricity, plumbing and autos. You will learn to safely use a variety of hand tools and power tools.

111 Specialty and Emerging Power Systems (Semester)
Grades 9-12

This course provides an introduction to robotics for students with no programming background using Lego Mindstorms EV3 kits. Students will learn to construct, control and program these robots through investigative and exploration activities. Research projects will expose the students to the engineering process.

112 Agricultural Small Engines (Semester)
Grades 9-12

In this course, students disassemble and study engines to gain first-hand experience in engine maintenance and repair. The course covers correct engine assembly and rebuilding. Students will also study various components that function together in a working engine. Both two and four-cycle engines are studied.

113 A/113 B Agricultural Construction
Grades 9-12

This is for students who have had little or no experience in woodworking. Goals for this class include familiarizing you with the construction of a project. You will have the opportunity to learn to safely use a variety of hand tools, power tools, basic math and measuring concepts while building a quality personal project from blueprints (drawings), material lists and step-by-step instructions.

114 A/114 B Advanced Ag Construction
Grades 10-12

Students will experience additional joinery, build more advanced projects, learn about and perform tool maintenance, while also being available to demonstrate their use to beginning woodworking students.

115 Agricultural Manufacturing (Semester)
Grades 10-12

Explore the exciting world of Manufacturing and begin your training for a great career! This course provides an overview of different fields within Manufacturing and the opportunity for students to learn basic skills in a variety of high-demand in the Agriculture Power, Structural and Technical System fields, including Carpentry, Machining, Mechatronics, and Welding. In addition to the hands-on activities that will be completed throughout the course, students will also have the opportunity to earn a Precision Measuring credential.

116 Summer Agriculture
Summer after Grades 7-11

The summer agriculture class is a ½ credit course students have the opportunity to participate in during the summers following their 7-11 grade school years. This class is a way for students to continue their Agriculture study through the summer, especially if there are scheduling difficulties throughout the year. Students must be willing to complete a minimum of 75 hours of coursework. Course themes will range from a variety of topics depending on the student interests. Failure to complete the minimum requirements will result in no credit awarded.

This class will include 3 workshops, 3 field trips and a Supervised Agricultural Experience Project. **Students must contact the agricultural teacher during Spring Semester to sign up for this course.**

ART EDUCATION

The course descriptions are the same in Junior High Art, but different projects and standards will be assigned to each grade level. Once students get more experience at each grade level, they will progress to new ideas, projects, and media.

211 Art 7

Grade 7

This course will develop individual/original ideas and self expression. The course also teaches media skills and techniques through the elements and principles of design and daily practice. Opportunities will be given to describe, analyze, and interpret art works. Students will work with two and three dimensional design, as well as writing artist statements for the viewing audience. This course also explores contemporary, historical, and cultural perspectives in the visual arts.

202 Art 8

Grade 8

This course will develop individual/original ideas and self expression. The course also teaches media skills and techniques through the elements and principles of design and daily practice. Opportunities will be given to describe, analyze, and interpret art works. Students will work with two and three dimensional design, as well as writing artist statements for the viewing audience. This course also explores contemporary, historical, and cultural perspectives in the visual arts.

203 Introduction to Art (Semester)

Grade 9-12

The goal of this course is to gain an appreciation of, and satisfying experience in the visual arts. This course will incorporate daily critical thinking. Examples are: identifying problems, conducting research, evaluating information, asking questions, and comparing and contrasting visual art. This course has a working studio where students explore their creativity and share ideas during critiques.

This course focuses on developing skills in drawing, layout, color, composition, perspective, proportions, and design. Students will explore the elements of art and the principles of design as they work with a number of media, including but not limited to: drawing, painting, printmaking, ceramics, sculpture, fiber arts, collage, and mixed media. This course also explores contemporary, historical and cultural perspectives in the arts.

204 Drawing (Semester)

Prerequisite: Introduction to Art

Grades 9-12

This drawing course will allow students to gain knowledge of drawing techniques and materials. Students will incorporate the elements of art and the principles of design into their artworks. Drawing coursework will utilize black-and-white and color drawing media. Subject matter will include observational drawing, photo referencing, and creating from the imagination. This course also explores contemporary, historical and cultural perspectives in the arts.

205 Painting (Semester)**Prerequisite: Introduction to Art****Grades 9-12**

This painting course will explore painting techniques and materials that are applied through the use of elements of art and the principles of design. Painting activities will be accomplished with watercolor and acrylic paint. Discovering the emotional properties of color and color/painting vocabulary that will be also used in critiques. Subject matter will range from observational painting, photo referencing, and creating from the imagination. Students will work from initial sketches to more developed pieces. This course also explores contemporary, historical, and cultural perspectives in the visual arts.

206 Printmaking (Semester)**Prerequisite: Introduction to Art****Grades 9-12**

Students will learn techniques of fine art printmaking. Examples include relief printing, monotype, lithography, silkscreen, and collagraph. This course covers the distinctive nature of printmaking including: tools, inks, paper, plate preparation, registration, printing processes, qualities of prints, and producing editions. Course sessions will include independent printing, demonstrations, discussion, and critique. Students will be introduced to the work of artists and the history of fine art prints.

207 Sculpture and Ceramics (Semester)**Prerequisite: Introduction to Art****Grades 9-12**

This course will explore three dimensional form and space. Students will utilize creative thought to conceptualize and develop ideas using a variety of materials such as ceramics, wire, recyclable materials, and plaster. Students will gain an understanding of terminology and the processes of building sculptures and pottery. Basic techniques will be introduced using demonstration and presentations, along with critiques to help students become familiar with the basis of contemporary sculpture. In addition, research on past and contemporary artists will lead up to group discussions, presentations, and writings.

208 Introduction to Photography (Semester)**Prerequisite: Introduction to Art****Grades 9-12**

This course will cover the use of digital camera controls including f/stops, shutter speeds, film speeds, and producing a correct exposure. Skills will include composition, critique, and lighting. Students will also learn the history and invention of photography. Each student will make a personal website where they will post their photography and artist statements. Projects will include creative use of camera controls including depth of field and action motion, shadows and light, alternative camera angles, portraits, still life, landscapes, and compositions based on the principles and elements of design. Students will receive instruction, demonstration, and examples of desired outcomes.

This course will also work with pinhole photography, or lens-free photography, a method of capturing images using a simple light-tight box with a single pinhole in one end. This section of the course is designed to introduce students to the photographic process through the use of the pinhole camera and the traditional darkroom (black and white film) with its chemical processes. Sessions will include demonstrations, projects, and critiques. During this section, we will also utilize a 35mm manual camera to gain appreciation of black and white photographs.

209 Fiber Arts (Semester)**Prerequisite: Introduction to Art****Grades 9-12**

The objective of this course is to introduce techniques which will enable students to create their own artistic vision with a variety of fibers. This course will investigate a variety of fiber arts media. Students will learn about the possibilities of fiber arts including: weaving, felting, basketry, quilting, papermaking, natural dying, spinning natural fibers, crochet, knitting, and embroidery. A variety of aesthetics and expressive qualities of fiber will be investigated as well as cultural, historical aspects, and art criticism.

210 Art Portfolio (Semester)**Prerequisite: Consultation with and permission of the instructor, based on previous coursework and future plans****Grades 11-12**

In this course, advanced students will focus on portfolio development as they continue to improve skills used in the creation of high quality works of art. Students will consider which art courses they may take during post secondary education. Emphasis is placed on creating more complex visual statements. A wide range of materials and processes will be further explored, and students will have the opportunity to focus on a chosen subject or medium. Students will continue to explore contemporary, historical, and cultural perspectives in the visual arts.

212 3D Modeling (online through MN Virtual Academy) (Semester)*Meets fine art credit**Grades 9-12**

This course introduces students to 3D modeling tools and concepts. Using Blender, the popular open-source 3D modeling package, students learn the basics of creating shapes, adding textures and lighting, and rendering. By the end of the course, students produce a series of increasingly sophisticated projects for their 3D portfolio. This course is suitable for students with no prior experience in 3D game design or digital media authoring tools.

BUSINESS EDUCATION

300 A/300 B Accounting I **Grades 10-12**

Accounting I will introduce students to common and accepted accounting principles and procedures used in business. Students will be introduced to the full accounting cycles for businesses providing services and organized as a proprietorship and for merchandising businesses organized as a corporation. This is a practical experience course and will be beneficial to everyone for everyday use as well as work.

301 A/301 B Accounting II **Prerequisite: Accounting I** **Grades 10-12**

Accounting II places an emphasis on Departmental Accounting and Automated Accounting for merchandising and manufacturing business. Corporate and management accounting will be looked at also. This course becomes an in-depth study of accounting and has proven valuable in the past to those graduates pursuing a business career.

303 Business Law (Semester) **Grades 10-12**

Business Law is an introductory course that will focus on our law and how it functions in our society. Business Law students will be introduced to three major areas of the law: origins of our law, court systems, criminal and civil law, and contracts. Business Law will offer students a glimpse into laws for their personal use as well as those that affect businesses. Students will have opportunities to apply knowledge of the law to analyze and decide issues in the areas of civil, criminal, and contract law. An in-class mock trial will also be held, as well as debates regarding issues past and present.

304 Personal Finance (Semester) **Grades 10-12**

Personal Finance will give students information on how to manage their money and make sound financial decisions that have the ability to enhance their lives forever. Students will be offered the opportunity to learn how to save and budget, how to use (or not use) credit wisely and how to manage debt. Life-skill topics including insurance, taxes and investing will also be introduced.

305 Entrepreneurship (Semester) **Grades 10-12**

Entrepreneurship is defined as the activity of setting up a business or businesses, taking on financial risks in the hope of making a profit. Entrepreneurship is a semester class open to 10th, 11th and 12th grade Madelia High School students. You will explore and learn the basics of planning and launching your own successful business. Whether you want to start your own entrepreneurial business venture or create a non-profit to help others, this course helps you develop the core skills you need to be successful. You will learn what makes a good entrepreneur, how to come up with new business ideas, types of ownership, how to attract investors, market your business, and manage expenses. The class explores entrepreneurial theory as well as real world situations. You will read about and hear inspirational stories of entrepreneurs who have turned their ideas into reality as models for planning and executing their own business ideas.

COMPUTER EDUCATION

400 Basic Computer Skills 9

Grade 9

Basic Computer Skills will help prepare students with computer knowledge necessary for school, home and work in an automated office environment. This class concentrates on developing students' keyboarding skills to an adequate level and instructs students on using computer hardware and software to process information and data. Students will gain additional knowledge in word processing presentation graphics and spreadsheets. Computer 9 will offer students the opportunity to learn how to efficiently utilize two of the products in the Microsoft Office Suite—Microsoft Word and Microsoft Excel, as well as the corresponding products in the Google Suits—Google Docs and Google Sheets. Students will also have the opportunity to build on their keyboarding skills using Keyboarding Online.

401 A/401 B Advanced Computer

Grades 10-12

Students will have the opportunity to expand knowledge learned in Basic Computer.

Desktop Publishing

1. Advanced Office Skills (Office 2003) Word, Excel, Access & PowerPoint
2. Google Office Suite

Desktop Publishing is introduced using Google Docs, a software program part of the Google Suite. Google introduces the concepts, terminology, technique, and applications of desktop publishing. The student integrates word processing and graphics to facilitate the designing of printed pages and manipulates text and graphics to produce professional looking publications.

Advanced Computer Skills continues the skill building in Microsoft Office that students learned in Basic Computer Skills. Students will work through advanced skills in Word, Access, Excel, PowerPoint and also integrate all of these applications together in projects.

403 A/403 B Mobile Computer Science Principles (College credit available through SMSU)

Prerequisite: GPA of 3.0 or Higher

Grades 11-12

MCS Principles is a year-long high school course that provides students a broad introduction to computer science. Students learn the basics of computer science by building socially useful mobile apps using MIT App Inventor, a block-based programming language for both Android and iOS, that address community problems.

ENGLISH

501 A/501 B English 7

Grade 7

English 7 is a full year course which focuses on four main areas of language development: writing, reading, speaking, and listening. Students will focus on meeting objectives for the Minnesota State Standards of Language Arts. Students will develop skills in written communication, speaking, listening, and reading comprehension with an emphasis on literature, comprehension, and usage. The course curriculum revolves around students' preparation for the Minnesota Comprehensive Assessments in April.

502 A/502 B English 8

Grade 8

English 8 is a full year course which focuses on four main areas of language development: writing, reading, speaking, and listening. There will be an emphasis on grammar and sentence structure. Reading strategies, critical thinking skills, and vocabulary building comprise the main elements of reading instructions. Through fiction, nonfiction, and poetry reading, students will practice reading strategies and comprehension skills. The overall goal of the class is to increase the literacy and writing ability of students.

503 A/503 B English 9 *required for graduation

Grade 9

English 9 is a required year-long course for all ninth grade students. It will include several general areas with emphasis on literature, composition, and usage. The study of literature includes short stories, novels, Shakespeare, and nonfiction. An understanding of and an appreciation of the different genres of literature is stressed. Third quarter curriculum will focus on written composition, style and grammar. Throughout the course, students will also learn how to improve study skills and build vocabulary.

506 A/506 B American Literature *Required for graduation

Grade 10

American Literature is a year-long course that is required for graduation. Its purpose is to examine major movements of American literature. Students will be introduced to stories, plays, essays, poems, journals, and historical accounts from a variety of authors with diverse perspectives. Students will read, examine, analyze and synthesize material and identify links between literary accounts and specific historical events. Students will evaluate how writers and historical figures attempt to reflect on, critique, or engender change in American society.

Students will also work on developing their spoken and written expressions. Students will engage in small-group and all-class discussions, as well as independent presentations. Students will also focus on the use of MLA format as they learn to write for a variety of purposes and audiences, use an outline to organize an essay, cite quotations to validate their positions, and to add a research element to their writing.

508 Speech (Semester) *Required for graduation

Grade 11 or 12

Speech is a required course for graduation. The course is designed to assist students in mastering the skills required to be competent communicators in today's world. It will focus on the organization, the preparation, research, and evidence needed for different types of presentations and audiences. The main areas covered will be informational presentations, persuasive speeches, instructional demonstrations, and special occasion speeches. The course will also enhance the students' listening skills which are essential in everyday situations.

509 The World of Literature A (Semester) *Required for graduation
Grade 11 or 12

The World of Literature A is a required, one semester class designed to build an understanding and appreciation of modern day cultures through the reading and study of literature and nonfiction writing from around the world. Students will identify and explore universal themes in literature and examine how quality literature reveals common characteristics among humans. The class will consist of both student and teacher selected reading assignments that will cover a wide variety of genres – covering fiction and nonfiction. Students will explore the development and blueprint of the short story—exploring and examining the main three genres of the Short Story by studying masters like Ambrose Bierce, Amy Tan, and Stephen King among others. Responses will encompass both oral and written activities as well as comprehension assessments.

510 Creative Writing (Semester)
Grade 11 or 12

Creative Writing is an elective, one semester class in which students will research, read, and analyze multiple genres of writing in order to develop their own techniques and “voice.” While the focus will be on the creative, there will be some emphasis on conventional grammar, mechanics, and usage thereby granting the student permission to fully recognize creative originality. Students will be expected to create poetry, prose, personal, and dramatic writing and employ the necessary processes of revision and editing before finally publishing through various venues. Students will be expected to share work within the classroom and participate in peer reviews. Students will be required to produce and maintain a writing portfolio for the semester. And be encouraged to publish their work online.

511 World of Literature B (Semester) *Required for graduation
Grade 11 or 12

World of Literature B focuses on several genres of literature. The students will study Holocaust Literature through memoir and Native American Literature with the focus on Dakota and Anishinaabe authors. We will also cover modern poetry and drama. Students will respond to each literature unit through small and large group discussion, and personal and creative writing. The focus of study will be on social issues, discrimination, and conflict as it has been reflected in literature.

514 English Composition (Semester) *Required for graduation
Grade 11 or 12

English Composition is intended to prepare students for the expectations of real-world, professional, and college writing. Students will learn to develop a scholarly vocabulary and to study grammar in order to compose more formal sentence/paragraph structures, as well as learn how to approach the writing process on a variety of typical college essays, such as: Expository, Compare/Contrast, Cause/Effect, Persuasive, and Timed Writing. Specific lessons will teach students to organize an essay, cite quotations to validate their positions, critical reviews to add a research element to their writing, and the use of MLA/APA format. The course will culminate in a research paper.

MATHEMATICS

700 (Grade 7)/701 (Grade 8) Math Skills Grades 7-8

This class is intended to improve, reinforce and enrich math concepts needed for success in higher level math courses. Math Skills class utilizes the ALEKS online computer program. Students take a placement test to determine an appropriate level of study. The class is self-paced and allows for review, remediation, and advancement of mathematical skills on an individualized basis.

702 A/702 B Pre-Algebra Grades 7– 12 grades (depending on skill level)

Pre-Algebra is an introductory course to Algebra. It combines the skills developed at the elementary level with the skills needed for Algebra and therefore, acts as a bridge from elementary math to high school math. The concepts studied include: algebraic expressions and integers; solving one-step equations; decimals and fractions in equations; proportions work; spatial thinking and geometry basics; data analysis and probability; and linear functions with graphing.

703 A/703 B Algebra Grades 8-12 (depending on skill level) Prerequisite: Pre-Algebra

In this course, students will study and demonstrate knowledge of the following topics: variables, function patterns, and graphs; rational numbers; solving equations and inequalities; graphs and functions; linear equations and their graphs; systems of equations and inequalities; exponents and exponential functions. In addition, there is an emphasis on problem solving, critical thinking, and real-life applications of mathematical models.

704 A/704 B Geometry *Required for graduation Prerequisite: Algebra Grades 9-12 (depending on skill level)

This Geometry class focuses primarily on the basic geometric concepts and their uses. The concepts covered are: tools of geometry; properties of parallel lines; relationships within triangles and quadrilaterals; similarity; trigonometry; and circles.

705 A/705 B Intermediate Algebra *Fulfills graduation requirement Prerequisite: Algebra Grades 10-12 (based on teacher recommendation)

Topics will review the skills from Algebra, as well as, include the following topics: functions, equations and graphs; linear systems; quadratic equations and functions;; and rational expressions.

706 A/706 B Algebra II *Required for graduation Prerequisite: Intermediate Algebra Grades 10-12 (based on teacher recommendation)

In this course, students will study and demonstrate knowledge of the following topics: tools of Algebra; functions, equations and graphs; linear systems; quadratic equations and functions; and radical functions. In addition, there is an emphasis on problem solving, critical thinking, and real-life applications of mathematical models.

707 A/707 B Advanced Algebra *Required for graduation**Prerequisite: Geometry and Algebra ("C" or better in geometry or by teacher recommendation)****Grades 10-12**

In this course, students will study and demonstrate knowledge of the following topics: tools of Algebra; functions, equations and graphs; linear systems; quadratic equations and functions; polynomials and polynomial functions; and radical functions. In addition, there is an emphasis on problem solving, critical thinking, and real-life applications of mathematical models.

708 A/708 B College Algebra (College Credit available through SMSU)**Prerequisite: Advanced Algebra and by teacher recommendation****Grades 11-12**

In this course, students will study and demonstrate knowledge of the following topics: real numbers, linear equations and Inequalities, the coordinate plane and functions, graphs of linear equations and functions, systems of linear relations, polynomials and polynomial functions, rational expressions and functions, radical expressions, and quadratic equations, functions, inequalities, and logarithms.

709 A/709 B Pre-Calculus (College credit available through SMSU)**Prerequisite: ("C" or better in Advanced Algebra and qualify for College Now)****Grades 11-12**

In this course, students will study and demonstrate knowledge of the following topics: linear and quadratic functions; polynomial functions, inequalities, functions, exponents and logarithms, analytic geometry, trigonometric functions, trigonometric equations and applications, and triangle trigonometry. In addition, there is an emphasis on problem solving, critical thinking, and real-life applications of mathematical models. Students will demonstrate the appropriate use of tools and technology.

710 A/710 B Calculus (College credit available through SMSU)**Prerequisite: ("C" or better in Pre-Calculus and qualify for College Now)****Grade 12**

In this course, students will study and demonstrate knowledge of the following topics: pre-calculus review; limits and continuity; derivatives; applications of derivatives; definite integrals; differential equations and mathematical modeling; and applications of definite integrals. In addition, there is an emphasis on problem solving, critical thinking, and real-life applications of mathematical models. Students will demonstrate the appropriate use of tools and technology.

711 Probability and Statistics *Required for graduation (Semester)**Grades 10-12**

This course will focus on concepts of statistics and probability, including data collection and experimental design, frequency distribution, measures of central tendencies, variability, and position.; reliability; sampling; randomness; and the concepts of the counting principles.

MUSIC

800 A/800 B Senior High Band Grades 9-12

Band is a full-year course that focuses on developing musicianship and ensemble skills through playing a musical instrument. It is a performance-based class that consists of daily rehearsals and occasional performances throughout the year. Students are graded on class participation as well as their ability to work with other students as a team. Band is open to anyone seeking to learn to play an instrument in a fun and inclusive environment.

In addition to concerts, the senior high band will also participate in Minnesota High School League events such as Solo/Ensemble Contest, and Large Group Contest. We also perform regularly at MHS sporting events, and community events such as Memorial Day.

801 A/801 B Junior High Band Grades 7-8

Band is a full-year course that focuses on developing musicianship and ensemble skills through playing a musical instrument. It is a performance-based class that consists of daily rehearsals and occasional performances throughout the year. Students are graded on class participation as well as their ability to work with other students as a team. Band is open to anyone seeking to learn to play an instrument in a fun and inclusive environment.

802 A/802 B Senior High Choir Grades 9-12

Students are graded on effort, mastery of music, performance, lessons, and attitude/behavior. The choir members participate in four concerts, large and small group contests, various community performances, radio and TV appearances, coronation, and commencement. Music is selected from a wide range of styles, periods, and cultures. Students strive to sight read and sing expressively with clear tone and accurate pitch, balance, and blend. In addition to the choral experience, students may participate in a variety of solos and small groups. The high school band and choir tour in the Spring of even-numbered years.

803 Class Guitar Grades 9-12

Class guitar is a fun and accessible way for students to explore the building blocks of music. Students will learn note names, chord shapes, and commonly used progressions applied to contemporary music literature. Whether you have no previous experience with music or already play, class guitar is suitable for beginner through intermediate musicians. Students will perform in both solo and ensemble settings and the curriculum focuses on introducing the fundamentals of guitar performance and music theory.

804 A/804 B Junior High Choir Grades 7-8

Students are graded on effort, mastery of music, performance, lessons, and attitude/behavior. The choir members participate in four concerts, coronation, and commencement. Music is selected from a wide range of styles, periods, and cultures. Students strive to sight read and sing expressively with clear tone and accurate pitch, balance, and blend.

PHYSICAL EDUCATION

900 A/900 B (Grade 7) Physical Education

901 A/901 B (Grade 8)

Physical Education is a required course for all seventh and eighth graders. The purpose of the physical education program is to provide adequate physical activities for all students with practical emphasis on games and activities which will carry over as lifetime sports. Major emphasis will be placed on development of attitudes, skills, and knowledge necessary for enjoyment of individual and team sports and other leisure-time activities. Testing of skills will also take place in the class.

902 A/902 B Health

Grade 8

Health is a course required of all eighth grade students. This course offers the student the opportunity to view critical current health issues and problems. Emphasis is on the role of the individual in society. The areas included within the course are character, integrity, trust, honesty, morals, and values.

903 (Grade 9) Physical Education *Required for graduation

904 A/904 B (Grade 10)

Physical Education is a required course for all freshmen and sophomores. The purpose of the physical education program is to provide adequate physical activities for all students with practical emphasis on games and activities which will carry over as lifetime sports. Major emphasis will be placed on development of attitudes, skills, and knowledge necessary for enjoyment of individual and team sports and other leisure-time activities.

905 A/905 B Health 10 *Required for graduation

Grade 10

Health is a course required of all sophomores. This course offers the student the opportunity to view critical current health issues and problems. Emphasis is on the role of the individual in society. The areas included within the course are mental health, safety, human sexuality, attitude and personality development, common diseases, CPR, medical common sense, and chemical use and abuse.

906 Strength and Conditioning

Grades 11-12

This is an elective course for juniors and seniors. This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

907 Lifetime Fitness (Semester)

11-12

Grades

Lifetime Fitness is an elective semester course for juniors and seniors. The purpose is to allow students to be able to learn more in-depth procedures of physical fitness and conditioning along with an implementation into a team sports setting. Set individual and team activity skill development and strategies will be emphasized while participating in various activities. Attitude, participation, and cooperation within casual and competitive individual and team sports settings will be the basis for a better education and appreciation for lifetime physical activities.

910 A Emergency First Responder
Grades 11th & 12th

The Emergency Medical responder course prepares the EMR student to provide prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of EMRs, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the prehospital setting. Students will earn CPR and AED certifications.

911 A Weight Training & Conditioning (College credit through SMSU) (Semester)
Grades 11-12

This course will provide basic knowledge and techniques of fitness and conditioning through weight training and the application of weight training in daily lives in relation to wellness, cardiovascular fitness, strength, muscular endurance, flexibility and stress reduction.

SCIENCE

1000 A/1000 B Physical Science *Required for graduation.

Grade 9

Physical Science is an introduction to basic chemistry and physics concepts. Students will use laboratory and problem solving techniques to understand the physical world around them. This course focuses on applied physics topics including: motion, forces of energy, electricity and magnetism. The applied chemistry topics include; periodic law, chemical reactions, structure and interaction of matter in mixtures, solutions, atoms and molecules. Heavy emphasis is placed on laboratory investigation.

1001 A/1001 B Biology *Required for graduation.

Prerequisite: Physical Science

Grade 10

Biology is a year long course that will examine the fundamental aspects that are necessary for all life. Students will acquire knowledge that will allow them to develop an understanding of the progression of organisms from simple chemical and cellular processes toward the complex interactions between living things and their surroundings. Units of study will include the chemistry of life, cells and their processes, genetics, evolution, ecology and body systems.

1002 A/1002 B Chemistry

Prerequisite: Biology

Grades 11-12

The Chemistry program is designed to develop scientifically literate individuals who will understand basic chemical processes and be able to apply what they have learned to explain the world around them. Students will realize the important role chemistry will play in their personal and professional lives.

Chemistry is a full year course designed for preparing students for college-level studies of science in general and Chemistry in particular. Successful students will be able to hypothesize intellectually, select the appropriate technologies for inquiry, collect data, reason logically, analyze critically, organize information, think creatively to solve problems and formulate new questions about the chemical world.

Students studying chemistry will learn to communicate their understanding of basic chemical principles, effectively participate in both group and independent activities, work safely in the laboratory, and apply successful study habits. Activities implemented will emphasize such skills as working cooperatively to achieve a goal, selecting the appropriate tools and technology to accomplish a set task, collecting, representing, and interpreting data, making inferences and forming conclusions.

1003 A/1003 B Physics (Online)

Prerequisite: Geometry and Advanced Algebra, best if taken in conjunction with or after Pre-Calculus

Grades 11-12

The physics program is designed to develop the student's abilities to make sense of physical experience, understand scientific claims, articulate coherent opinions of their own, and evaluate evidence in support of justified belief. Students will see that a relatively small number of basic physics concepts are applied to a wide variety of real life situations. Physics is a skill that must be learned. The physics program is designed to increase each student's active participation. This will allow students to develop the ability to design and conduct scientific investigation, use appropriate tools to gather, interpret, and analyze data, develop descriptions, explanations, predictions, and models using evidence, think critically and logically to make relationships between evidence and explanations, and use mathematics in all aspects of scientific inquiry.

1005 A Health Care Core Foundations (HC1525)**Credit: 4 SCC Credits/1 HS Credit****Prerequisite: None, Program Application Required****Format: Blended****Fall Semester, Junior Year**

This course will focus on the requirements needed by healthcare professionals to effectively work in a variety of healthcare settings and explore workplace skills such as accountability and responsibility, workplace behavior, approaches to assist clients, and expectations of teams and team members. This course provides a framework for healthcare workers to interact with diverse clients and staff, including belief systems, cultural practices, and respect and sensitivity to cultural, gender, and age issues. Identifying elements of communication and how those elements can develop into effective communication within the healthcare setting is a key focus, as well as learning when and how to utilize those skills in challenging situations. Health care ethics will be addressed and target ethical decision-making and personal and professional values. Legal issues in healthcare will round out the course, concentrating on healthcare laws and social media in healthcare. Healthcare safety and standards precautions will be incorporated, as well as personal wellness for the healthcare professional. This course was designed as a part of the Minnesota Health Care Core Curriculum.

1006 B Medical Terminology (HC1000)**Credit: 3 SCC Credits/.75 HS Credits****Prerequisite: None****Format: Blended****Spring Semester, Junior Year**

This course is an introduction to the language of medicine that is used in the healthcare profession. The student will learn to spell, pronounce, define, and interpret medical terminology related to body structure, disease, diagnosis, and treatment.

1007 Basic Nursing**Credit: .5 HS Credit/Certificate****Prerequisite: Health Care Core Foundations****Format: Blended****Fall or Spring Semester, Senior Year**

This course meets federal and state criteria for eligibility to take the state test to become a NA-R. It introduces concepts of basic human needs, the health/illness continuum and focuses on preparing the student to safely perform basic nursing skills needed to function as a Nursing Assistant. This course is an 80-hour curriculum developed by the Minnesota State Colleges and Universities. Students participate in online curriculum studies, laboratory skills and gain hands-on experience during their clinical rotation. Students that successfully complete this course qualifies for admittance to the Competency Evaluation at an approved Minnesota Technical College test site.

1008 A/1008 B Science 7**Life Science**

This course is for 7th graders. The students will learn about the natural world and organisms. The topics include ecology, environmental issues, cells, genetics, and body systems. The focus will be on using the scientific method and safe laboratory practices.

1009 A/1009 B Science 8**Earth Science**

This course will focus on basic principles and fundamentals of science. Students will apply their understanding of general science concepts through several laboratory experiments. An examination of the core areas of Earth Science will be conducted throughout this year-long course. Units of study include: geology, meteorology and astronomy.

1010 A/1010 B Food Chemistry

Prerequisite: Biology

Grades 11-12 **Talk to the teacher and counselor before signing up. Limited space available.

In this course, students will explore the how and why of foods. They will study different biomolecules like carbohydrates and how they interact with different ingredients in food. Through experiments with yeast, heat, liquid, etc students experience hands-on activities in chemistry, nutrition, and technology. This class fulfills Chemistry credit.

1011 A/1011 B Forensic Science

Grades 11-12

Prerequisite: Biology

Forensic Science will focus on the scientific techniques used to investigate crime scenes. The course will integrate science, mathematics and writing skills to analyze and interpret several case studies. Students will become familiarized with the tools and procedures investigators use in solving criminal investigations. Students will utilize the scientific method as they collect and analyze evidence from case studies and simulated crime scenes. Topics covered will include the following: evidence collection, toxicology, ballistics, hair and fiber evidence, fingerprinting, DNA evidence, Entomology and handwriting analysis. Throughout their coursework students will learn the history of forensics and be introduced to several careers found within this science. **Parental permission is required.**

1012 A/1012 B STEM 8 (Quarter Class)

Grade 8

Students will complete the Design and Modeling project from Project Lead the Way. Students will discover the design process and develop an understanding of the influence of creativity and innovation in their lives.

SOCIAL STUDIES

2000 A/2000 B History

Grade 7

This is a year-long course which covers the events in American History from the beginning of the 1800s until modern day. The course is designed to expand the student's knowledge of important historical events, to understand why they happened, and what the impacts of those events were. During this course, students will create a persona of someone who would have gone west on the Oregon Trail. During this activity, they will keep a diary and record how they would have reacted to a variety of events. Students will also learn about the rights and responsibilities of American citizenship and basic economic principles.

2001 A/2001 B Geography 8

Grade 8

Students will work extensively with maps, charts, graphs, and other geographic information in order to compare and contrast people and places from all over the world. The students will focus on the five themes of geography. Students will be exposed to other cultures of the world with the objective of creating people who are aware of and sensitive to the diversity found in the world and to appreciate the histories, contributions and uniqueness of these cultures. Students will also become more aware of the problems facing these countries and regions, the cause and effect of these problems, while also exploring possible solutions to these issues. Students will also examine how the U.S. impacts these countries, both positively and negatively.

2002 Civics 9 *Required for graduation (Semester)

Grade 9

This course is designed to develop an understanding and appreciation of our roles and responsibilities as United States citizens. Emphasis is placed on the study of the U.S. Constitution; and our legislative, executive and judicial branches of government at the federal, state and local levels of government. This course is also designed to identify and understand the types of governments in our world today. In addition, this course is designed to provide knowledge of our current events and affairs as they relate to our society and the world.

2003 Geography *Required for graduation (Semester)

Grades 9

Geography is a course designed to facilitate the understanding and appreciation of different cultures through the use of the five themes of geography. This course will introduce students to concepts that will help them understand the world around them. They will learn why some areas of the world are more developed than others, and why some areas of the world struggle to provide for their citizens. Students will learn about political systems along with the impact of border and population issues. Students will also study urban geography, economic geography, agricultural geography and environmental issues.

2004 A/2004 B American History *Required for graduation
Grade 10

The first half of this course will cover Native American history prior to the arrival of the colonists, the colonization of the United States, the Civil War, the Industrial Revolution and other historical events from this time period. This required course is designed to provide the student with the knowledge, understanding, and appreciation of the growth and development of our country. The course will also cover the rights and responsibilities of American citizenship.

American History b will cover the historical events occurring in the 20th and 21st centuries. This required course is designed to provide the student with the knowledge, understanding, and appreciation of the growth and development of our country. It will emphasize the physical, social, economic and technological growth of our nation and society. The course will also cover the rights and responsibilities of American citizenship.

2005 A/2005 B World History *Required for graduation
Grade 11

This semester-long course will cover major historical events from the beginning of humans up until the 1500's. This required course is designed to provide the student with the knowledge, understanding, and appreciation of our world. Emphasis is placed on the physical, human, and economic aspects of each region and era. The course will also cover the history and effects of the seven major religions of the world.

World History II, a semester-long course, begins in the 1500's and looks at the historical events of the next five centuries. It will look at how events in one region often impact what happens in other parts of the world. This required course is designed to provide the student with the knowledge, understanding and appreciation of our world today and its relationship to the past. Emphasis is placed on the physical, human, and economic aspects of what has happened in our increasingly interconnected world.

2006 U.S. Government *Required for graduation (Semester)
Grade 12

The course emphasizes the political aspects of our world as it relates to our world, national, state and local governments. The course is designed to deal with how the individual deals with and interacts with other people in our global society.

2007 Economics *Required for graduation (Semester)
Grade 12

The course stresses the economic aspects of our world and society as it relates to how we make and spend our incomes and wealth. The course is designed to give students a workable knowledge of the important role economic ideas play in everyday life. The course concentrates on topics affecting the individual, business and national economy with a focus on scarcity, supply and demand, business organization, money and banking, financial markets and the Federal Reserve System.

2008 Sociology
Grade 11 and 12

Sociology is a one semester course designed to give the student a working knowledge of Sociology, the scientific study of human social behavior. As the study of humans in their collective aspect, sociology is concerned with all group activities: economic, social, political, and religious. We will study such areas as bureaucracy, community, deviant behavior, family, public opinion, social change, social mobility, social stratification, and such specific problems as crime, divorce, child abuse, and substance addiction. Sociology tries to determine the laws governing human behavior in social contexts.

2009 Psychology 101 (College credit available through SMSU) (Semester)
Prerequisite: GPA of 3.0 or Higher
Grades 11-12

The primary objective of this course is to introduce you to the terms, methods, theories and findings of psychology. Topics include the following: abnormal behavior and social influence, research methods, interacting influences of nature and nurture on behavior, major schools of thought in psychology, development, learning, memory, health & stress, personality, and motivation.

WORLD LANGUAGES

3000 A/3000 B Spanish for Spanish Speakers Grades 9-12

This class is offered to continue the development of literacy, the ability to read and write. It is intended to serve our diverse population at Madelia high school by addressing Spanish language learning.

This class may benefit students who can speak Spanish, but need to develop their writing and reading skills.

Students who are orally fluent, can read and write, but still need to improve those skills in Spanish. Students will expand and improve their knowledge of Spanish. In order to do this, students will be exposed to the work of Hispanic authors, and will do engaging oral and written presentations. This class can be an opportunity to broaden your learning resources and transfer your skill to other areas in your personal/academic development.

Students who are proficient in a language other than English (e.g. Spanish) may earn Multilingual and Bilingual Seals and World Language Proficiency Certificates. The seals and certificates allow students to get credits for Minnesota Colleges and Universities when they are assessed and can demonstrate the proficiency required in reading, listening, speaking and writing.

3001 A/3001 B Spanish I Grades 9-12

This course is an introduction to the basics of Spanish. Students learn the vocabulary to read and understand familiar topics such as weather, school, and food. They become familiar with the grammar to practice Spanish sentence structures, have opportunities to listen to short conversations, and participate in directed dialogues. In addition, there is a cultural component that includes music, presentations, and food.

3002 A/3002 B Spanish II Grades 9-12

Spanish II is a continuation of Spanish I. The vocabulary and grammar learned in Spanish are incorporated in this class. We follow a similar format to Spanish I in regard to the four skills we want to develop: speaking, reading, listening and writing. A variety of activities are performed to further your learning of Spanish, including role plays, projects and interactive activities. In this course you will learn how to extend invitations, talk about family, celebrations, home, and after school activities. Also, we will continue learning about the Hispanic culture.

3003 A/3003 B Spanish III Grades 9-12

This course emphasizes interpersonal communication. We will revisit some of the topics studied in Spanish I and II to cover them in depth and reinforce the skills previously learned to improve language accuracy. You will learn to talk about present, past, and future activities in a variety of contexts.

3004 A/3004 B Exploratory Spanish 7 Grade 7

Exploratory Spanish focuses on communication. Students will have opportunities to interact and communicate in Spanish with their peers through pair and group activities related to our topics.

Our course follows the Standards for World Languages Learning:

Standard 1.1 Students engage in conversations, provide and obtain information, express feelings and emotions, and exchange opinions.

Standard 1.2 Students understand and interpret written and spoken language on a variety of topics.

3005 A/3005 B Exploratory Spanish 8

Grade 8

We will work on two of the five goals in World Languages: Communication and Culture.

Students will be exposed to the language in familiar topics to work on interpersonal communication. They will learn vocabulary and phrases for the social context.

Culture will address celebrations and traditions of the Hispanic world.

MULTILINGUAL LEARNER (ML) EDUCATION

4000 A/4000 B ML RA Language of School and Society Grade 7-10

This is a stand-alone English Language Development class. The course is offered to students who have scored two or less on the WIDA ACCESS Test or Screener. Students will be introduced to the language of school and society by learning basic vocabulary and phrases: personal information, family, food, and school among others. Students will be expected to participate in interactive activities to practice simple conversation and in grammar exercises to start writing simple sentences.

4002 A/4002 B ML Advanced Reading in English Language Arts Grade 8-9

This is a stand-alone English Language Development class. In collaboration with the licensed ELA teacher and guided by the ELA content standards, ML students receiving a 2 or higher on the WIDA ACCESS Test in 8th and 9th grade study the discourse stages expected in a variety of essay writing and explore grade level literary features to support them in their grade-level ELA courses.

4003 A/4003 B ML RA Speaking and Listening in English Language Arts Grade 7-10

This is a stand-alone English Language Development class. Students will improve their speaking and writing in English and Spanish according to the ELA Writing and Language standards using interviews about major themes in stories, allowing students to think critically in their second language.

4004 A/4004 B ML Language of Science Grade 7-10

Students will learn about the most important scientific concepts in our culture while improving their nonfiction reading skills in English. Students will have the opportunity to learn how to gather information from a text, find cognates in Spanish vocabulary and practice speaking in English about scientific topics.

4005 A/4005 B ML Intermediate in ELA Grade 7-10

This is a stand-alone English Language Development class. In collaboration with the licensed ELA teacher and guided by the ELA content standards, ML student receiving between a 2 or 3.5 overall on the WIDA ACCESS Test in grades 7-12 will study the discourse stages expected in a variety of essay writing, explore a variety of literature to build vocabulary and grammar skills and practice speaking to support them in their grade-level ELA course.

4007 A/4007 B ML RA Language of Math Grade 7-10

This is a stand-alone English Language Development class. In this course, students will learn the language needed to study basic math concepts. We will cover the listening, reading, writing and speaking skills required to understand the vocabulary used in the math classroom.

4011 A/4011 B ML American History
Grades 9-12

This is a Stand Alone class taught by a dual-licensed teacher with Social Studies (7-12) and English as a Second Language (K-12). The first semester will cover Native American history prior to the arrival of the colonists, the colonization of the United States, the Civil War, the Industrial Revolution and other historical events from this time period. The second semester will cover the historical events occurring in the 20th and 21st centuries. It will emphasize the physical, social, economic and technological growth of our nation and society. This required course is designed to provide the student with the knowledge and understanding of the beginnings and development of the country and help students apply their knowledge through reading and writing. The course will also cover the rights and responsibilities of American citizenship.

4014 A ML Civics
Grades 9-12

This course is co-enrolled with all ML students, including Recent Arrival students. Students will meet MN standards for Civics while receiving language scaffolds addressing WIDA ELD standards. This course is designed to develop an understanding and appreciation of our roles and responsibilities as United States citizens. An emphasis is placed on the study of the U.S. Constitution; and our legislative, executive and judicial branches of government at the federal, state and local levels of government. This course is also designed to identify and understand the types of governments in our world today. Finally, students will interact with current events and affairs as they relate to our society and the world.

4014 B ML Geography
Grades 9-12

This course is co-enrolled with all ML students, including Recent Arrival students. Students will meet MN standards for Civics while receiving language scaffolds addressing WIDA ELD standards. This course is designed to develop an understanding and appreciation of how people change the physical landscape that corresponds to their cultural and human values. This course is also designed to identify and understand the various ways to view the landscape that they are presented with. Finally, students will interact with current events and affairs as they relate to our society and the world using the tools that are given to us in the academic practice of geographical settings.

4015 A/4015 B World History
Grades 9-12

This is a Stand Alone class taught by a dual-licensed teacher with Social Studies (7-12) and English as a Second Language (K-12). The first semester of the course will cover major historical events from the beginning of humans up until the 1500's. The second semester begins in the 1500's and looks at the historical events of the next five centuries. It will look at how events in one region often impact what happens in other parts of the world. Emphasis is placed on what has happened in our increasingly interconnected world. This required course is designed to provide the student with the knowledge and understanding of our world and the application of those lessons. Emphasis is placed on reading and writing about the physical, human, and economic aspects of each region and era. The course will also cover the history and effects of the seven major religions of the world.

4016 ML Government (semester)
Grades 9-12

This course is co-enrolled with all ML students, including Recent Arrival students. Students will meet MN standards for Government while receiving language scaffolds addressing WIDA ELD standard and using authentic, grade-level appropriate content and materials. The course emphasizes the political aspects of our world as it relates to our national, state and local governments. The course is designed to deal with how the individual deals with and interacts with other people in our global society.

4017 ML Economics (semester)
Grades 9-12

This course is co-enrolled with all ML students, including Recent Arrival students. Students will meet MN standards for Economics while receiving language scaffolds addressing WIDA ELD standard and using authentic, grade-level appropriate content and materials. The course emphasizes the fundamentals of macro and micro economics, using this knowledge to solve economic problems. The course is designed to deal with how individuals deal with and interact with these economic principles in real life.

OTHER

5000 Educational Foundations (College credit available through SMSU) (Semester)

Prerequisite: GPA of 3.0 or Higher

Grades 11-12

An introduction to early childhood, elementary, and secondary education for students interested in teaching. The course includes the study of historical and social foundations of education topics such as inquiry into the teaching and learning process, schools in a multicultural and diverse society, the profession of teaching principles of cooperative group learning and cultural differences, communication, and stereotyping. Fifteen hours of field experience is required.

5003 A/5003 B REACH (*Relationships *Education *Accountability *Character *Hard Work)

Grades 9-12

Credit: .5 - 1.0 Elective credit

REACH is an elective course for students in grades 9-12. This is a class to learn more about yourself and the world around you with the goal of developing skills to be a more positive and productive person. Content will be delivered through journaling and self reflection, group discussions, team building activities and weekly goal setting. Topics covered may include communication skills, mental health, academic support, conflict resolution, drug and chemical awareness, self image and developing positive coping skills. Topics are tailored to meet the individual needs of the students and the class.

5005 A/5005 B Work Based Learning

5005 C/5005 D Work Based Learning

Grades 11-12

Work-Based learning is an elective course for juniors and seniors that provides an opportunity for students to work at a paying job during the school day. This year-long course takes the classroom to the workplace. Work-based learning may include paid or non-paid work experience; students are required to find their own employment with at least 5 hours of work per week, per credit. Students may earn up to 2 credits per school year for work-based learning per school policy. The course goal is to prepare students for career-connected learning. As part of the work-based learning class, students must complete a weekly "seminar" lesson on various topics.

5006 A/5006 B Child Development Associate

Grades 10-12

Credit: 2 HS Credits/12 College Credits

The Child Development Associate (CDA) program provides seven 5-week online learning modules providing students with 12 college credits through Rasmussen College. There is a bilingual Spanish/English program option available. In addition to the curriculum students need to complete 480 hours of employment or volunteering in a licensed day care which the instructors will help coordinate. This is the first step into a degree in Early Childhood Education and for obtaining advanced employment in licensed day cares. Upon completion of this course and training hours, students will take the CDA exam which grants the student a nationally recognized CDA Credential. Funding for the exam can be applied for through our local Economic Development Association.

5007 Telecommunications 1, CST 1400

Grades 10-12

Credit: 3 College Credits (MN West Online) .75 HS Credits

This course provides students with a broad overview of the telecommunications industry. Including knowledge and understanding of telecommunications history, terminology, tools, cable types, wiring components, fiber optic cable and basic telecommunications networks. This course is an overview of knowledge and skills needed to work in the telecommunications industry. No fee for books and other materials.

This course will be substantially online with required lab components that may be completed on campus or by arrangement at another facility. The course will include a visit to a broadband service provider. The instruction for this course includes open textbook resources, videos, demonstrations, hands-on labs, a field trip and quizzes. Students completing this course may be eligible for internships at their local broadband service provider.

6002A/6002 B Empower U 7

6003A/ 6003 B Empower U 8

Students use guided study or target time to complete six units of daily middle school SEL skill-building lessons using the online portal. These lessons help them master critical SEL concepts and coping skills. Each day students also exchange asynchronous text and email messages through the online portal for personalized coaching with their EmpowerU instructor. Program includes curriculum ([6 units, 34 lessons](#)), student portal access, six hours of 1:1 coaching.

Online Classes: See Mrs. Ward

Updated: March 2023