

2020-2021 Registration Guide

CEDAR MOUNTAIN HIGH SCHOOL

Courses

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The purpose of this registration guide is to help you in the selection of your senior high subjects. Please study the material thoroughly and acquaint yourself with the description of the courses offered, the prerequisites for the courses you select, the courses that are required, and the semester during which the courses will be offered. If unsure if a class is right for you, contact Mr. Palokangas and/or the teacher who teaches this subject.

Graduation should be an important goal of every student. Besides meeting the requirements for graduation, you should choose subjects that have a purpose and direction for you. Choose the subjects that will enable you to do what you want to do. For some of you, high school will be the last opportunity to receive any formal training. For others of you, your high school education will serve as a basis for future educational opportunities.

In your planning, keep in mind the following:

- ❖ Your Post-High School Plans
- ❖ College Entrance Requirements
- ❖ PSEO (Post Secondary Enrollment Options Act- if eligible you can enroll as a 10th, 11th, or 12th grade student.) You must register with Mr. Palokangas.

This booklet does not intend to answer all questions about each course. Your teachers, counselor, or the principal are willing to answer further questions to help you in your decisions. Please discuss the content of this booklet with your parents. We hope your parents will make use of this opportunity to ask questions that they may have regarding scheduling and the high school program.

Cedar Mountain offers a variety of career, technical, and vocational opportunities through Agriculture Education. This is to notify students, parents, employees, and the general public that these opportunities are offered regardless of race, color, national origin, sex, or disability. Admission in some courses is determined by grade level. Title IX Coordinator: Rob Brandl; 504 Coordinator; Preston Palokangas; 310 Somerville Ave., Morgan, MN 56266, 507-249-5990.

Cedar Mountain High School Graduation Requirements

NOTE: No matter how many credits you attain, you always remain a member of the graduating class with which you start your high school career. 1] As a result, the graduation standards which apply to your graduating class always remain in effect until you successfully earn all requirements and are issued a diploma. 2] **Late graduates cannot** participate in a commencement exercise after their own commencement.

1. A whole credit is granted for successful completion of a year's worth of study. Partial credit is granted for the portion of the year that is completed during instruction.
2. Twenty-eight (28) total credits in grades 9-12 are required for graduation from Cedar Mountain High School. There are 16.5 credits required. They include:

| | | | |
|-------------|-----------|----------------|--------------------|
| English | 4 credits | Social Studies | 4 credits required |
| Mathematics | 3 credits | Health | .5 credit |
| Science | 3 credits | Fine Arts | 1 credit |
| Physical Ed | 1 credit | | |

The additional 11.5 credits may be selected from any of the available senior high courses.

- *Students must complete algebra I by 8th grade and algebra II or its equivalent before graduation. Science requirement must include one credit in biology, chemistry and physics or an approved course credit in CTE. Students in 9th grade must also take band, choir, or general music, agriculture 9, art 9, leadership 9, and reading 9. Students in 10th grade must take reading 10. Students in 12th grade must take leadership 12.*

Schedule changes following registration will require special permission along with administrative approval. Class size minimum/maximum limits will be imposed when seeking a change to a schedule.

All students must complete all of Minnesota's standards. All standards have been placed in courses and are embedded into those courses. If a student passes the course, they will pass the standard.

Concurrent Enrollment

Cedar Mountain School District partners with Southwest Minnesota State University to offer the following college credit courses to our high school students here. Students who successfully complete these courses generate both high school and college credit from the partnering postsecondary institution. There is no cost to the student to participate in these courses, but there are entrance requirements. These courses provide high school students advanced skills today and greater flexibility when they enter the university setting full-time. That may include pursuing second majors and internships or studying abroad. Students who drop their college course after the withdrawal deadline will receive an F on their high school transcript.

Cedar Mountain School District offers the following Concurrent Enrollment Courses:
College Algebra, Composition, Essentials of Speaking and Listening, Intro to Art

Student Eligibility Requirements for Concurrent Enrollment Courses

- **Seniors** - need to have a 3.0 GPA or above and be in the top half of their graduating class*
- **Juniors** - need to have a 3.0 GPA or above and be in the top third of their graduating class*
- **Sophomores** - need to be in the top 10% of their graduating class and have scored in the 90th percentile on a nationally standardized test
- **Note: Test scores from a nationally standardized test can be used to replace class rank if needed. Students will still be required to meet the 3.0 GPA to go along with their test scores. Seniors need to score in the 50th percentile and juniors need to score in the 70th percentile.*

Post-Secondary Enrollment Options Program (PSEO):

Junior Students in the top 1/3 of their graduation class or who score at or above the 70th percentile on an ACT or SAT test **OR** Seniors in the top 1/2 of their graduation class or who score at or above the 50th percentile on an ACT or SAT test are eligible to attend a post-secondary institution while earning high school graduation credits. Junior and Senior students not meeting above requirements may be eligible for admissions if they demonstrate readiness for college through completing the Accuplacer assessment. This is an application process, and interested individuals should consult with the high school counselor. Students who drop their college course after the withdrawal deadline will receive an F on their high school transcript. Students are required to inform the school counselor of their intent to enroll in PSEO courses during the following school year by May 30. If notification to school counselor is after May 30th, the student will not be allowed to do a PSEO course for the following school year.

PSEO for 10th Graders to take Career and Technical Education (CTE) courses

Legislation allows eligible 10th-grade students to enroll initially in one Career and Technical Education (CTE) course through PSEO. Students must have a minimum of a “proficient” score on the 8th grade Minnesota Comprehensive Assessment (MCA) test for reading, and meet the assessment prerequisites set for the course that must be met by all students. If a student successfully completes the course with a C or higher, the student can take additional CTE courses as long as they meet the assessment requirement for those courses. Students who first enter PSEO programming through CTE can also begin to take PSEO general education courses in grades 11 and 12 by meeting the assessment prerequisites for the general education course they wish to enroll in, regardless of class rank or percentile on a nationally normed exam. Students who drop their college course after the withdrawal deadline will receive an F on their high school transcript. Students are required to inform the school counselor of their intent to enroll in PSEO courses during the following school year by May 30. If notification to school counselor is after May 30th, the student will not be allowed to do a PSEO course for the following school year.

PLATO Courses

PLATO Courseware in an online courseware program. Students in grades 10-12 are allowed to take one elective class per semester of PLATO. If a student fails a PLATO course, they will not be allowed to take another PLATO course without administrator approval.

The following information is important for high school students who intend to participate in college athletics at a NCAA college or university.

NCAA FRESHMAN-ELIGIBILITY STANDARDS QUICK REFERENCE SHEET / KNOW THE RULES:

Core Courses

NCAA Division I requires 16 core courses as of August 1, 2008. This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.

NCAA Division II requires 16 core courses. This rule applies to any student first entering any Division II college or university on or after August 1, 2013. See the chart below for the breakdown of this 16 core-course requirement.

Test Scores

Division I has a sliding scale for test score and grade-point average. For more information, go to the website at <https://web3.ncaa.org/ecwr3/>.

Division II has a sliding scale for test score and grade-point average. For more information, go to the website at <https://web3.ncaa.org/ecwr3/>.

The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, mathematics, reading and science.

All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

Grade-Point Average

Only core courses are used in the calculation of the grade-point average.

Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is <https://web3.ncaa.org/ecwr3/>.

Division I grade-point-average requirement is a minimum of 2.300.

Division II grade-point-average requirement is a minimum of 2.200.

DIVISION I

16 Core-Course Rule

16 Core Courses:

4 years of English.

3 years of mathematics (Algebra I or higher).

2 years of natural/physical science (1 year of lab if offered by high school).

- 1 year of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

DIVISION II

16 Core-Course Rule

16 Core Courses:

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 2 years of social science.
- 3 years of additional English, mathematics or natural/physical science.
- 4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

Cedar Mountain Testing Requirements (2020-2021)

Be provided the opportunity to participate in a district-provided college entrance exam in grade 11 or grade 12.

ACADEMIC & CAREER DEVELOPMENT

Work-Based Learning Grades 11-12
 This will be a course where you will learn through hands-on experience outside of school. There will be a placement set up for you to work at a job to gain real world experience in a field of your choice. You will be expected to hold high standards of yourself as you will be both a student who follows Cedar Mountain school policy and an employee of another company that has expectations as well. This work experience will be supervised and evaluated by a school coordinator and the employer with weekly visits to your job site. You will learn how to be an employee and gain hands-on experience for a career that you may have in your future!

ACT Test Preparation Grades 11-12
 This class is all about preparing students for the national standardized ACT test. The class will assist in developing and expanding vocabulary, test-taking, and reasoning skills. For each of the 5 sections on the ACT, students complete a pretest, learn basic and advanced skills in that section and complete a post-test to check for improvement. Topics will also include college readiness, entrance requirements and scholarship etiquette and practice.

Leadership (required) Grades 9 and 12
 Leadership will teach our students the tools they will need as they enter the work force, how to maximize their high school career to prepare for college and/or careers, and how to achieve financial freedom. In 12th grade, this course will also consist of the required community service hours for graduation.

AGRICULTURE EDUCATION

Senior High Ag (required)

Grade 9

This semester-long course is an introductory course for 9th graders looking to develop themselves as leaders as well as learn more about agriculture. The broad focus of this class will continue from topics covered in Ag 7 and Ag 8 to allow students to explore numerous areas of agriculture including but not limited to soil science, agricultural mechanics and experiential learning. Students will be expected to complete a leadership and experiential learning project for the class, incorporating both with content presented in class.

Woods

Grades 10-12

This semester-long course for 10-12th graders is designed to be taken in series with Welding and Agriculture Mechanics to provide you the student with a basic, well-rounded agriculture mechanics education. Topics include (but aren't limited to): Shop safety, use of common wood-working tools, drafting and construction. Each student will be responsible for identifying, drafting and building a final woodworking project.

Landscape Design

Grades 10-12

This class explores plant science, soil and media mixtures, plant identification, optimal environments and landscape design. They emphasize applying knowledge and skill to the design, establishment, and maintenance of lawns, parks, open space, and similar environments.

Welding

Grades 10-12

This semester-long course for 10-12th graders is designed to be taken in series with Woods and Agriculture Mechanics to provide you the student with a basic, well-rounded agriculture mechanics education. Topics include (but aren't limited to): shop safety, use of common welding tools and techniques, drafting and construction. Each student will be responsible for identifying, drafting and building a final welding project.

Horticulture

Grades 10-12

Horticulture explores the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. Topics include greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control and floral design.

Food Science

Grades 10-12

Food Science offers opportunities to study the composition, structure and properties of foods, including the chemical changes that occur during the processing, storage, preparation and consumption of food. These courses often explore the effects of various materials, microorganisms and processes on food products through laboratory experiments.

Ag Leadership

Grades 10-12

This course is about developing students' personal and group leadership skills and typically focusing on effective communication, decision-making, problem-solving and completion of group activities. This class may include participation in student organizations such as the National FFA Organization.

ART

Visual Arts (Required)

Grade 9

The 9th grade program focuses on three major areas of visual learning: ways of recording visual information; assembling images that have meaning; and responding to visual images. This course will cover a wide range of basic art theory and media. Students will explore color, composition, design, drawing, sculpture and painting as related to major artists and movements in history. Student projects will demonstrate knowledge of the art elements and principles of design. Student media includes pencil, pen & ink, markers, acrylic paint, watercolor, color pencil, oil pastels, charcoal, scratchboard, paper Mache' and clay. A digital portfolio will record of the concepts and skills a student demonstrates through effort and achievement. This course will examine art history, styles and technology to manipulate images.

Visual Arts II (Prerequisite Visual Arts)

Grades 10-12

This will be a continuation of the skills learned during Visual Arts, and an expansion of a student's art interests. Students will be working with a variety of mediums, to create both 2D and 3D projects.

Two Dimensional Art Drawing, Painting, and Printing

Grades 10-12

The curriculum includes creative and critical thinking approach to drawing, painting, and printing.

Students will have the chance to work with drawing mediums, such as pencil and charcoal, painting mediums of acrylic, gouache, and oil bar, and printing from carved blocks. All problems will include analysis and interpretation of self-work, as well as a look at artists in time.

Three Dimensional Art Sculpture and Ceramics

Grades 10-12

Students will be exposed to creative and critical thinking approach to sculpture and ceramics. Students will use such mediums as wire, found object assemblage, fiber, clay, and handmade paper. Ceramics will include clay sculpture in a decorative manner and pottery in a functional manner. All work will include analysis and interpretation of self-work as well as a look at artists throughout time. There is a \$15 course fee.

Graphic Arts

Grades 10-12

Students will explore computer assisted layout and design, desktop publishing, image carriers, printing processes, finishing and digital media. Student projects include brochures, posters, ads, newsletter, business cards, letterhead, T-shirts & bumper stickers. Evaluation is project based. Students will explore multiple color reproduction through screen printing. A field trip to a college and graphic arts printing facility are optional.

Traditional & Digital Photography

Grades 10-12

This course offers an introduction to the history of photography. Students will explore the camera, the enlarger, and developing. The course will cover photographic techniques, lighting, and the reproduction of images through traditional and digital photography. Student photography projects will demonstrate knowledge of the elements of art and principles of visual design. This course will examine major photographers, styles and technology to manipulate images. Projects will demonstrate knowledge of lighting, filters, re-touching, color and image manipulation. Photoshop and online apps will be used for student projects.

Ceramics

Grades 10-12

This class applies art elements and principles of design to the process of creation using ceramics and clay. Particular attention is paid to the characteristics of the raw materials, their transformation under heat and the various methods used to create and finish objects.

College Intro to Art 1 Credit

Grades 11-12

Designed to introduce high school students to the attitudes and philosophies that relate to creative production in the visual arts and to help develop a positive attitude to the arts through the study of theory, styles of art history, structure and periods of art, combined with an active art gallery program and a variety of studio projects. Art projects will be judged on creative intent and fulfillment of stated requirements, not on "artistic" ability. The College Now version of this art course helps students with creative thinking skills, expressive abilities and self-management needed in the college setting.

BUSINESS

Accounting

Grades 10-12

Accounting is the "language of business." Accounting can help you keep track of money for business and personal use. This course offers a complete study of the basic accounting process used throughout the accounting cycle. Among the topics presented are journal entries, posting to ledger, and financial statements.

Personal Finance

Grades 10-12

This course gives students a consistent framework for thinking through financial choices in order to improve their well-being. Students who take charge of their finances are better prepared to invest in themselves and cope with the financial ups and downs that life will bring. Among the topics presented are paycheck deductions, taxes, banking, financial statements, saving and investing, credit basics, and budgeting.

ENGLISH

English 9 (required)

Grade 9

This class consists of grammar, usage, mechanics, composition, and literature. Journal writing and five-paragraph compositions are done throughout the semester as a means to practice writing skills. Grammar, usage and mechanics exercises are practiced to improve writing skills. There are bi-weekly

vocabulary packets and tests from Vocabulary for Achievement series. Literature comes in a variety of forms. There are units in short stories, poetry, and nonfiction from the literature anthology. The novel Lord of the Flies and the drama Romeo and Juliet will also be studied. There is also a strong emphasis on independent reading both in and out of class.

English 10 (required)

Grade 10

The purpose of this course is to discover new approaches to reading and writing that spark the imagination. Students will read a variety of novels, plays, and other short stories including All Quiet on the Western Front & And Then There was None. This class focuses on working in groups, improving writing skills, and reading in-depth material. There will be a strong emphasis on writing through journals and essays. Students will also write and perform in a dramatic skit.

American Literature (required)

Grade 11/12

American Literature will focus on reading short stories, poems, and novels from America. Novels that will be read in this class include The Great Gatsby and Of Mice and Men. There will be a strong emphasis on research writing.

College Speech 1 Credit

Grade 11/12

Fundamentals of Speaking and Listening is a three credit class offered through SMSU. This course is an introduction to public speaking. The specific required speeches are Extemporaneous, Group Informative, Persuasion and Impromptu. Speech is designed for students who desire to improve their speech efficiency, poise and self-confidence in public speaking situations.

English 151: Academic Writing (College) 1 Credit

Grade 12

College Writing is a four-credit college class offered through SMSU. Students will write five papers for the class: Explain a Concept, Presenting Opposing Viewpoints, Research Argument, Annotated Bibliography, and a Reflective Narrative. Daily work for the class includes readings, peer review, and small writing samples.

Senior High Reading (required)

Grade 9-10

Students will work to develop their writing, reading, and critical thinking skills through the reading of nonfiction narratives and informational text. Nonfiction reading will include such text as biographies and personal essays. Informational text includes news media articles, brochures, and websites. Nonfiction narratives' purpose is to entertain; informational text is meant to inform. Students will become better readers, thinkers and more confident writers by the end of the school year while developing skills that can be applied to state mandated testing. Students will develop skills that will help them succeed both in and out of class.

MATHEMATICS

What should I take??? Recommended Course Track

| | Regular | Advanced | 4-year College Bound |
|------------------|--------------------|-----------------------|-----------------------------|
| Freshman | Geometry | Geometry | Geometry |
| Sophomore | Transition Algebra | Algebra II | Algebra II |
| Junior | Algebra II | Pre-Calculus/Calculus | Pre-Calculus/Calculus |
| Senior | | | College Algebra |

Geometry (required)

Grade 9

This course is designed for students who have completed Algebra I. Study of the relationships between points and lines will be the main emphasis. Special focus will be on logic and sound mathematical thinking, which is applied through geometric proofs. Objectives of this course include: 1) develop a working knowledge of the geometric principles, 2) provide a strong basis of future mathematics, and 3) develop sound reasoning ability.

Transition Algebra (required if not in Algebra II in 10th grade)

Grade 10

This course will review and extend algebra and geometry concepts for students who have already taken Algebra I and Geometry, including a review of such topics as operations of real numbers; evaluation of rational algebraic expressions; solutions of first degree equations and inequalities; factoring of

polynomials; properties of figures; rules of congruence; coordinate geometry including lines, segments and circles in the coordinate plane; and angle measurement in triangles, including trigonometric ratios.

Algebra II (Prerequisite: Geometry and/or Transition Algebra) (required) Grade 10/11

This course focuses on algebraic skills with some statistical and trigonometric problem solving as well. Students will apply algebraic reasoning to real world problems and use linear, periodic, exponential, cubic, logarithmic, and power functions. Students will learn to simplify algebraic expressions and use the quadratic formula.

Pre-Calculus/Calculus (Required if took Algebra II in 10th grade) Grade 11/12

This advanced class prepares students for calculus and discrete math needed in computer science. It includes continual work with manipulative algebra, mathematical thinking, introduction to analysis of functions, use of limits, derivatives, analytical geometry, properties of integers, graph theory and more. Logic and problem solving is a theme throughout this course.

College Algebra (Prerequisite: Pre-Calculus/Calculus) Grade 12

This course will explore the following concepts of Algebra: complex and imaginary numbers, polynomials, linear equations and functions. Specific functions include linear, quadratic, exponential, and logarithmic. Students receive 4 college credits from Southwest Minnesota State University for successful completion of the course. **Students must have a B average and be in the top half of their graduating class.**

MUSIC

High School Band Grades 9-12

The HS Band is open to all 9-12 grade students who enjoy playing a musical instrument. Several performances will be expected throughout the year, as well as the opportunity to take instrumental lessons during the school day. Prior band experience is helpful, but not necessary. Lessons required for beginning students. Instrument and materials provided by the student; limited school instruments available to rent.

High School Choir Grades 9-12

The HS Choir is comprised of students in grades 9-12 who are willing to share their vocal talents. Several performances will be expected throughout the year, as well as the opportunity to take voice lessons during the school day. Prior choral experience is helpful, but not necessary.

General Music 9 Grade 9

This course will survey different musical styles and periods with the intent of increasing students' understanding of music and its importance in relation to the human experience. General Music 9 focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

Music Seminar (Previously called Pop Choir) (Prerequisite: Currently enrolled in choir or have taken at least one year of choir in high school) Grades 10-12

This course will explore contemporary and standard vocal techniques, music theory, and history to develop an understanding and appreciation for various genres of music. Members of Pop Choir will be required to perform at the spring concert and attend the MSHSL contests in March.

Music Appreciation Grades 10-12

This class will provide students with an understanding of music and its importance in their lives. Course content focuses on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the ability for informal music performance and creation within the classroom.

American Popular Music Grades 10-12

This course is intended to help you think creatively and critically about popular music. We will study the most significant styles of American music in chronological order, beginning with the roots and continuing through present day. We will explore several reoccurring themes throughout this course, including the interaction between European American, African American, and Latin American traditions, the influence of mass media and technology (printing, recording, radio, video, internet, etc.), and the role of popular music as a symbol of identity (race, class, gender, generation, etc.).

PHYSICAL EDUCATION / HEALTH

Physical Education 9 (.5 credit) Required Grade 9

Physical education includes the learning and development of basic skills and rules needed for participation

in many individual and team sports. Also learn the principles of physical fitness and ways to stay physically active. It is based on the disciplines of motor learning, biomechanics, exercise physiology, human growth and development, sociology, and historical perspectives. It stresses physical education activities that help the student develop socially and emotionally as well as physically. physical fitness, as well as the many sports of our culture. Groups will concentrate on an activity for a three-week to six-week period. Through regular participation in physical education, the student realizes the value of active involvement in our program and receives instruction in sports and methods of maintaining fitness, which will have the potential to improve the quality of their adult life.

Physical Education 10 (.5 credit) Required

Grade 10

This class is a continuation of the learning and development achieved in Physical Education 9.

Senior High Health (.5 credit) Required

Grade 9

Health deals with gaining a sound understanding of mental and physical health practices, problems, prevention, and occupations.

Lifetime Fitness

Grades 10-12

This curriculum will highlight the significance of lifetime physical fitness, leisure time activities and sportsmanship. Lifetime Sports activities will focus on court and field games. Examples of these activities include: Ultimate Frisbee, Frisbee Golf, Badminton, Volleyball, Basketball, Soccer, Archery, Golf, Pickle Ball and Bowling. This class will also stress the importance of performance, sportsmanship and rules and regulations.

Team Sports

Grades 10-12

This course is designed for the student who is interested in a competitive experience, as well as having a desire to improve individual skills and fundamentals. The essentials of rules and strategies will be highlighted. Students will be placed on teams and in competitive situations. Students must be ready to compete at high level. A variety of exercise and condition activities will round out the class.

PUBLICATIONS

Yearbook

Grades 10-12

Are you interested in documenting history? In this course, you will help to design, edit, and publish the yearbook. Students will be designing the pages, editing pictures, and ultimately publish the yearbook. Course can be offered as Independent Study as well.

SCIENCE

Physical Science (Required)

Grade 9

Physical Science is a lab-based course designed to teach students the basics of physics. Students will also understand the nature of science, or how science is performed. We will discuss many topics. Some of these include: Motion, Fluid, Forces, Energy Forms, Electricity, Electromagnetism, Light, Forces, Simple Machines, Heat, Magnetism, Waves and Sound. Class activities will include (but not be limited to) lab experiments, lab tests, written exams, group discussions, lectures and note taking, just to name a few.

Biology (Required)

Grades 10-11

This is a general biology course that will cover the study of cells, which are the basic units of life, and how they function and reproduce. Other topics covered include genetics, evolution, the study of animals and plants, and finally how all life interacts and depends on one another. The work that will be done includes, but is not limited to; dissections and laboratory experiments, research projects and scientific reports.

Medical Science

Grades 10-12

This course will integrate chemistry, microbiology, chemical reactions, disease processes, growth and development, and genetics with anatomy and physiology of the body systems. Medical Science will also reinforce science, mathematics, communications, health, and social studies principles and relate them to health care.

Forensics

Grades 10-12

This course will provide an understanding of the scientific principles involved in criminal investigations, including the forensic techniques and processes necessary to collect, identify and analyze biological evidence. Topics of study typically include, but are not limited to blood types, DNA and genetics,

decomposition and physiological systems of the body as well as crime scene documentation.

Ecology

Grades 10-12

Ecology will examine the mutual relationships among organisms and their environments. They examine the interrelationships among plants, animals and humans and may include: ecosystems, populations and growth studies, ecological concepts, pollution, photosynthesis, recycling and regeneration, and conservation of natural resources. This course will have a hands-on approach with the opportunity to participate in the River Watch program.

SECOND LANGUAGES

Spanish I

Grades 10-12

Students in this course will learn to read, write, speak, and listen in Spanish, as well as learn about cultural differences and similarities. Pronunciation, basic conversation, grammar, vocabulary, and present tense verb forms will be learned. A wide variety of student-centered, communicative activities is emphasized.

Spanish II (Prerequisite-Spanish I)

Grade 11-12

Spanish II students will continue to read, write, speak, and listen in Spanish, as well as learn about cultural differences and similarities, but at a more advanced level. More complex conversational and grammatical structures will be covered, along with basic vocabulary. Students will learn how to communicate in the past future, and conditional tenses, as well as in the present tense. Emphasis is still on a wide variety of student-centered, communicative activities.

Dakota I

Grades 10-12

Students in this course will learn to read, write, speak, and listen in Dakota, as well as learn about cultural differences and similarities. Pronunciation, basic conversation, grammar, vocabulary, and present tense verb forms will be learned. A wide variety of student-centered, communicative activities is emphasized.

Dakota II (Prerequisite-Dakota I)

Grade 11-12

Dakota II students will continue to read, write, speak, and listen in Dakota, as well as learn about cultural differences and similarities, but at a more advanced level. More complex conversational and grammatical structures will be covered, along with basic vocabulary. Students will learn how to communicate in the past future, and conditional tenses, as well as in the present tense. Emphasis is still on a wide variety of student-centered, communicative activities.

SOCIAL STUDIES

Civics (Required)

Grade 9

This course is a study of what it means to be an American citizen. One of the main goals of the class is to provide students with an understanding of our nation's system of government at the federal, state, and local levels. This class works to instill in students the qualities of good citizenship that will enable them to put their knowledge into action. Rights and freedoms, loyalty to nation and community, and respect for the law are discussed. Students are also provided with the skills they need to participate fully in our democratic society. Another component of the class looks at current issues happening in Congress and international affairs. Students will discuss the issues and relate them to how this affects them, their communities, state, and country.

United States History (Required)

Grade 10

This course focuses on how America came to be. Throughout the year the focus will be on cause-effect relationships on the major events of our country's history. The goal of the course is to introduce students to the major players of America's past and have the students walk in their shoes through the discovery of the Americas to World War II.

World History (Required)

Grade 11

Students will learn about the history of mankind. Starting with ancient civilizations, students will examine different empires throughout our human history. Students will look at how different regions and cultures came to be. Hands on projects will be used to check for understanding as well as unit assessments.

Economics (Required)

Grade 12

Economics is designed to teach students basic economic concepts. Economics is the study of the choices and decisions people make about how to use the world's resources. Understanding economics will help students make informed decisions and be able to assess decisions of others. An objective of the course is for students to become more comfortable with the basic economic tools, terms and concepts. In addition students will be able to better understand and evaluate economic issues and debates presented by politicians, policymakers, and economists in the major media.

American Government

Grades 10-12

American Government provides an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. They may examine the structure and function of state and local governments and cover selected economic and legal topics.

Psychology

Grades 10-12

Psychology is the study of how the mind interprets the world around us to affect behaviors. Students will take part in activities related to growth and development of the human mind, structures and functions of the brain, and interesting tricks to maintain brain health.

WWII History

Grades 10-12

World War II was a conflict like no other in human history. Everything that had made the First World War such a monumental event was soon surpassed by the colossal scale and impact of WWII. The World War II class is an exploration of the war and its time through primary sources and scholarly interpretations. Themes include the impact of war on soldiers and civilians, on the home front, women in war, specific dictators, the Japanese and German viewpoints, and postwar issues.

History VS. Hollywood

Grades 10-12

This is a course that will focus primarily on American history, in which students compare and contrast historical movies with the actual events and time periods covered by the movies.

Cedar Mountain PLE (PLATO Learning Environment) Online Courses

Fall, Spring, and Summer Course Offerings

Current Course Offerings can be found at: <http://www.edmentum.com/course-catalog?grade=386&subject=All&state=151&=Apply>

College Course Offerings

Ridgewater College

Students interested in taking college-level courses must take the AccuPlacer exam with Mr. Palokangas and meet minimum requirements to enroll in these courses.

2020-21 Current Course Offerings can be found at:

https://eservices.minnstate.edu/registration/search/basic.html?campusid=308&_ga=2.264696776.671202517.1521816845-665423248.1521816845

Minnesota West

Students interested in taking college-level courses must take the AccuPlacer exam with Mr. Palokangas and meet minimum requirements to enroll in these courses.

2020-21 Current Course Offerings can be found under the internet campus/site link at:

<http://www.mnwest.edu/programs-courses/class-schedules>