

# 2017-2018 Registration Guide

## CEDAR MOUNTAIN HIGH SCHOOL

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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 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> 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 Family and Consumer Science and 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: Robert Tews; 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 or choir, 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.*

**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.

Cedar Mountain School District offers the following Concurrent Enrollment Courses:

College Algebra, Composition, Essentials of Speaking and Listening

#### 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 a test, such as the ACT or SAT **OR** Seniors in the top 1/2 of their graduation class or who score at or above the 50th percentile on the ACT or SAT are eligible to attend a post-secondary institution while earning high school graduation credits. This is an application process, and interested individuals should consult with the high school counselor. Cedar Mountain also has Online College in the High School courses available to interested students that desire to take 1-2 college courses while still in high school.

**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. If the student earns a “C” or higher grade in this first course, she/he is eligible to take additional CTE courses while in 10th grade. In order to be eligible, a 10th-grade student must have met the proficiency level of “meets or exceeds” on the 8th-grade MCA reading test. If the student did not take the MCA, another reading assessment accepted by the enrolling postsecondary institution can be substituted.

**Cedar Mountain Testing Requirements (2017-18)**

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

**AGRICULTURE EDUCATION**

**Ag 9 (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.

**Agriculture Business**

Grades 10-12

This class examines management of agribusiness and entrepreneurial ventures. Topics include economic principles, risk management, finance, business law, marketing and promotion, insurance and resource management. Business plans, employee/employer relations, commodities, building leadership skills and career opportunities may be included.

**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.

**Wildlife Management**

Grades 10-12

Looking to get involved beyond traditional production agriculture? If so, this course may be for you! This semester-long course for 10-12th graders is designed to give the student a basic understanding of wildlife science and management. Topics include (but aren't limited to): fisheries science and management, recreation development management, hunting and trapping management and wildlife science and management careers. This course is meant to provide students with a starting point from which to pursue a future career or to begin a lifetime of outdoor recreation.

**Animal Science**

Grades 10-12

Looking to get a basic understanding of animal science and how it affects you? If so, this course is for you! This semester-long course for 10-12th graders will provide you with an understanding of animal science and management with a production agriculture emphasis. Topics include (but aren't limited to): animal nutrition, genetics, animals in the agricultural industry and species-specific units.

**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.

**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.

## ART

**Visual Arts 9 (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 9)**

Grades 10-12

This will be a continuation of the skills learned during Art 9, 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.

**Painting**

Grades 10-12

This course will focus on a variety of paint media from watercolor, acrylic, oil, and tempera paints. We will also explore various painting techniques and how they can be applied to artistic projects. Color mixing and color theory will also come into play when creating projects.

## **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.

**World Literature (required)**

Grade 11/12

World Literature uses representative literature selections from ancient and/or modern times from countries around the world. Students improve their critical-thinking skills through examination of diverse literary

traditions and the influences of those traditions. Oral discussion and written compositions are part of these courses.

**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.

## MATHEMATICS

**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.

**Algebra II (Prerequisite: Geometry) (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.

**Consumer Math**

Grade 11/12

This course is designed for those students who find math difficult, but would like some practical math background. The areas of study will include: money and banking, distribution, investments, personal finance, and special applications of business math. You will receive a math credit for graduation. However, if you are college-bound, this course will not meet most college admissions standards.

**Pre-Calculus/Calculus (Prerequisite: Algebra II)**

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 3 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.

**Guitar**

Grades 10-12

The Guitar Class is open to all 9-12 grade students who are interested in learning how to play the guitar. Instrument rental fee required for class (\$40) if renting a school-owned guitar, and any damages to class materials will be assessed upon return. Six string guitars accepted, see instructor for assistance before purchasing or obtaining a guitar for class. Prior music experience is helpful, but not necessary.

**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.

**Health 9 (.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 9 (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.

**Chemistry 10 (Required)**

Grade 10

Chemistry is the study of matter and the changes it undergoes. These changes range from ice melting to explosions. These reactions and many more will be explored in this course. A math background is very

helpful but not absolutely required. 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. Topics discussed range from elements and atoms, bonding, chemical reactions, moles, to stoichiometry.

**Biology (Required)**

Grade 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.

**Advanced Chemistry**

Grade 11/12

Chemistry is the study of matter and the changes it undergoes. These changes range from ice melting to explosions. These reactions and many more will be explored in this course. Other topics including stoichiometry, acids/bases, solutions, electrochemistry, and Organic Chemistry. A strong math background is very helpful but not absolutely required. 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.

## 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.

## SOCIAL STUDIES

**Civics 9 (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.

**American 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 Geography (Required)**

Grade 11

Geography is the study of the earth and how people use its resources. This course focuses on the physical and cultural aspects of the world in which we live. The five themes of geography (region, place, location, movement, and human environment interaction) are emphasized throughout the course. Areas of emphasis include Canada, Latin America, Europe, Asia, and the Middle East.

**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.

**Leadership (required)**

Grades 9 and 12

Leadership course will examine the process of leading, leadership strategies, leadership in different areas, and historical leaders. This course will also consist of the required community service hours for graduation.

**Current Events**

Grades 10-12

Current Events typically focuses on geography and current events in selected regions of the world. Topics may include, but are not limited to, political, economic, social and culture issues.

**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.

**Sociology**

Grades 10-12

This course will look at human group interactions. Why do groups of people act differently than each individual would on their own? The answer lies in societal roles that we assume through our development. This sociology course will contain group projects and observational studies.

**The Modern World**

Grades 10-12

Investigate World History from the Cold War to today. Units of Study will be: Vietnam War, Cold War, A History of Crime (Mob, Gangs, and Famous Cases), First Iraq War, and more!

**European History**

Grades 10-12

An overview of European History following the fall of the Roman Empire and going through the split in the Catholic Church. Units of Study will be: The Dark Ages, Life in the Medieval Times, War and Torture of the Middle Ages, The Protestant Reformation of Martin Luther and John Calvin, and many more!

**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.

2017-18 Current Course Offerings can be found at:

[https://webproc.mnscu.edu/registration/search/basic.html?campusid=308&\\_ga=1.93551197.1513621223.1485983798](https://webproc.mnscu.edu/registration/search/basic.html?campusid=308&_ga=1.93551197.1513621223.1485983798)

**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.

2017-18 Current Course Offerings can be found under the internet campus/site link at:

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