## 2019-2020 Course Guide

West Central Area Secondary School

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## 100 Credits Required for Graduation

(72 required credits \& 28 elective credits)

## Language Arts

English 9 (full year course)
English 10 (full year course)
English 11 (full year course)
English 12 (semester course)
English Electives (all semester courses - select 1)

Math
Geometry 9 (full year course)
Algebra II (full year course)
Probability \& Stats (full year course)

## Or

Business Math (semester course) \& Personal Finance (semester course)

## Science

Physical Science 9 (full year course)
Biology 10 (full year course)
Chemistry (Full year or one semester Consumer Chemistry)
Science Electives (one semester course if Consumer Chemistry is selected)

## Social Studies

American History: The Young Republic (full year course - Grade 9)
The Modern American Century (semester course - Grade 10)
World History: Old World (semester course - Grade 10)
World History: Colonialism to Today (semester course -Grade 11)
Economics (semester course - grade 12)
Government and Politics (semester course - grade 12)

## PE/Health

Physical Education 9 (full year course)
Physical Education/Health 10 (full year course)

## Arts

Music and/or art electives (all semester courses)

Minimum of 16 credits $=4$ years
4 credits
4 credits
4 credits
2 credits
2 credits
Minimum of 12 credits $=3$ years
4 credits
4 credits
4 credits

## Minimum of 12 credits $=3$ years

4 credits
4 credits
2-4 credits
2 credits
Minimum of 14 credits $=3.5$ years
4 credits
2 credits
2 credits
2 credits
2 credits
2 credits
Minimum of 8 credits $=2$ years
4 credits
4 credits
Minimum of 4 credits $=1$ year
4 credits
6 Credits required $=1.5$ years

Additional WCA High School Requirements
Careers 9 (2 credits), Agriculture 9 (2 credits) and Senior Seminar 12 (2 credits)
Preparing for a 4-year college: Take a minimum of 4 years English, 3 years math, 3 years of science, $3 \frac{112}{2}$ years social studies, 1 year art/music \& 2 years foreign language (many universities require 2 years of high school foreign language course work)
4-year Colleges consider:
Class Rank ACT or SAT score Rigor of courses Senior Courses

# Language Arts 

## ENGLISH 9

Full Year

Prerequisite:
Credit:
None
4 credits
Class Size:
Grade Level:
30 students
$9^{\text {th }}$ Grade
Course Description: English 9 serves as a transition course between junior high English courses and upper-level senior high English courses. English 9 emphasizes the reading and writing skills students need to be successful as they transition into high school. Students will learn the writing process, the $6+1$ Traits of Writing, how to format and organize an essay, and review the basic format of well-organized writing. Students will spend time completing a variety of writing assignments and tasks. Students will also read fiction and nonfiction literature, including articles, stories, novels, and poems, and review the elements of literature. Grammar and vocabulary skills are also an integral part of English 9. Students will be graded on quizzes, grammar and reading work, essays and writing assignments, and Accelerated Reader.

## ENGLISH 10

Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
English 9
4 credits
30 students
$10^{\text {th }}$ Grade


Course Description: This course focuses on writing and literature. Students will review and learn the writing process, the 6+1 Traits of Writing, correct essay format, research techniques, and source credibility. Students will also study grammar with an emphasis on mechanics. At least three papers will be written including a basic essay, a narrative essay, and a formal research paper. Time will also be spent reviewing reading skills, especially those skills that relate to the MCA test and the practice of writing. This course also examines a variety of literature. Students will demonstrate the ability to recognize literary techniques, to relate literature to themselves and the intended audience, to understand the context of literature, and to critically analyze literature. Students will be graded on quizzes, grammar and mechanics work, reading work, narrative essay, formal research paper, group work and presentations, and reading and writing daily

CREATIVE WRITING

Grade Level:
Course Description: This course will cover the basic elements of creative writing. Students will assess their creative process and what forms of creativity speak to them. The focus will be on creative versus strictly academic forms of writing. Students will write poetry, short stories, song lyrics, and more while reviewing writing techniques such as the traits of writing and the writing process. Students will also study story and poetry elements as a means to make their writing more effective. Students will keep a portfolio of their written work. Students will be graded on their class participation, written work, ability and willingness to contribute to writers' workshops, and their final quarter portfolios.

GLOBAL LITERATURE
Prerequisite: English 10
Credit: 2 credits
Class Size: 30 students
Grade Level: $\quad 11^{\text {th }}$ and $12^{\text {th }}$ Graders
Course Description: This course will study cultures from around the world by reading contemporary novels and stories written in multiple perspectives. Students will read literature aimed at teaching a variety of cultures and insights. Text selections for World Literature may include novels such as I Am Malala, The Life of Pi, and Of Beetles and Angels. Students will be graded on their class participation, their ability to discuss and respond to the reading, written work, quizzes, projects, and various other assignments.

## ENGLISH 11

Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
English 10
4 credits
25
$11^{\text {th }}$

Course Description: A year-long course that is preparation for higher-order critical-thinking skills and literary analysis. Additionally, grammar and public speaking and debate will focused on at times. Units will focus on seminal works of American Literature, and focus on concepts such as immigration, society vs individualism, defining "freedom" and the modern world. Class assignments and assessment will be a combination of wholeclass discussion, small group work, and independent reading and responding.

## POPULAR LITERATURE

## Semester

| Prerequisite: | English 10 |
| :--- | :--- |
| Credit: | 2 credits |
| Class Size: | 30 students |
| Grade Level: | $11^{\text {th }}$ and $12^{\text {th }}$ Graders |

Course Description: This course allows students to explore several genres, or types of novels, and what qualities make a "popular" novel. The course will be varied each time it is offered, but will feature genres including romance, sciencefiction, adventure, mystery, horror, and fantasy as well as video versions of books. Students will explore elements of this genres and why they are popular. In this class students will be assessed using; discussions, reflection responses, major

## LAW AND JUSTICE/MOCK TRIAL Semester <br> Prerequisite: Teacher/Administrative Approval <br> Credit: <br> Class Size: <br> Grade Level: <br> 2 English AND 2 Social Studies credits 8-12 students <br> $10^{\text {th }}-12^{\text {th }}$ Grade

ENGLISH 12
Semester
Prerequisite:
Credit:
Class Size:
Grade Level:

English 11
2 credits
25 students
$12^{\text {th }}$ Graders

Course Description: This course is an English Literature class with an academic writing component added. This class will study the development of the English language and will cover Anglo-Saxon-18 ${ }^{\text {th }}$ Century English literature along with five major writing assignments. Some time will be dedicated to ACT preparation as well as discussing real-life applications to literary skills. In this class students will be assessed using; discussions, reflection responses, major essays, group work, and unit tests.

SCIENCE FICTION LITERATURE Semester Prerequisite: English 9 Credit: 2 credits Class Size: $\quad 20$ students Grade Level: $\quad 12^{\text {th }}$ Graders

Course Description: In this course students better understand complex and controversial issues that influence their lives today and will shape their futures tomorrow. Science Fiction helps us envision what the world could be, rather than what it is. When students study science and technology alongside narratives, they can look critically at their world and bridge the gap between what is and what could be. By working through texts, students will step outside the world they know to examine and address challenges like climate change, racism, gender identity, and a growing dependence on technology and consumerism through the lens of Science Fiction.

Course Description: This year-long course will use a co-teaching model to inform and explore how the legal systems in the United States operate and how they impact our culture. Students will spend $50 \%$ of their class time with the Social Studies teacher. These periods will focus on the history and development of our legal system, as well as its social impact. Students will spend the remainder of time with the English teacher. These periods will be spent looking at works of literature through the theme of justice, as well as non-fiction essays and articles dealing with it as well.

During the 2nd and 3rd quarter of the year the class will focus on teaching, developing, and competing in the MN Bar Association's High School Mock Trial Competition. Students will learn courtroom procedure, create arguments, write opening and closing remarks, work with witnesses to develop direct and cross-examinations, and eventually compete against other teams.

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## ACADEMIC WRITING

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

English 10
2 credits
15 students
$11^{\text {th }}$ and $12^{\text {th }}$ Graders


Course Description: This course is an introduction to writing theory-students will learn and apply strategies for generating, organizing, revising, and editing their writing. Emphasis also will be on students developing information literacy skills: identifying, locating, evaluating, citing, and using electronic and print resources. This course will prepare students for writing after high school, both in post-secondary and the business world. In this class students will be assessed using; discussions, reflection responses, major essays, group work, and formal public forum debate.

## SCHOOL PUBLISHING

| Prerequisite: | English 10 |
| :--- | :--- |
| Credit: | 2 credits |
| Class Size: | 10 students |
| Grade Level: | $11^{\text {th }}$ and $12^{\text {th }}$ Graders |

Course Description: This course gives students realworld experience in journalism and advertising writing. Students will write for a variety of purposes and audiences, and their writing will be published publicly. Students will be expected to meet set deadlines, collaborate, perform interviews, and fact-check information while following best practices in journalism. In this class students will be assessed using; discussions, reflection responses, major essays, weekly publishable articles, group work, and chapter and unit tests.

## NATIVE AMERICAN LITERATURE

Semester

Prerequisite:
Credit:
Class Size:
Grade Level:

English 10
2 credits
25 students
$11^{\text {th }}$ and $12^{\text {th }}$ Graders
Course Description: This course will examine past, present, and future Native American culture through film and literature. Emphasis will be on Native American creation and trickster stories as well as contemporary poems, short stories, essays, and films. There will be an opportunity to earn extra credit by attending the CNIA Powwow at the University of Minnesota, Morris. In this class students will be assessed using; discussions, reflection responses, major essays, group work, and unit tests.


> "The more that you read, the more things you will know. The more you learn, the more places you'll go!"

## MULTI CULTURAL LITERATURE

Prerequisite:
Credit:
Class Size:
Grade Level:

## SEMESTER

Course Description: This course focuses on literature by and about people of diverse ethnic and cultural backgrounds. Students explore themes cultural diversity by comparing, contrasting, analyzing, and critiquing writing styles and universal themes. This course emphasizes empathy, critical thinking, and creative writing. This pushes students to discover more about themselves and others who may come from greatly different backgrounds and beliefs. To maximize student learning, the teacher will act as a facilitator and the student as an active learner. Students will be required to participate in class discussion and group work. Students will use writing as a vehicle to express their ideas, and opinions. Various print and non-print texts from many cultures and subcultures will be discussed and analyzed through written, verbal, and non-verbal methods.

| YEARBOOK | Full Year |
| :--- | :--- |
| Prerequisite: | Teacher Approval |
| Credit: <br> $2^{\text {nd }}$ Year | 4 English credits $1^{\text {st }}$ Year/4 elective credits |
| Class Size: | 12 |
| Grade Level: | $11^{\text {th }}$ and $12^{\text {th }}$ Graders |

Course Description: In this year long course students will plan, develop, and produce WCA's yearbook. Students are responsible for data gathering, photography, page layout and design. Students will organize content to produce a creative and visually appealing yearbook. Course grading is based on participation, teamwork, and the quality of the final project. Students must contact teacher in advance of registration.


## Math

## GEOMETRY 9

Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
Algebra I (completed in $8^{\text {th }}$ Grade) 4 credits
30 students
$9^{\text {th }}$ Grade

Course Description: Students will use the tools of geometry (compass, protractor, straight edge, and graphing calculator) to model and solve real world problems. Students will gain practice in reasoning and proof, working with parallel and perpendicular lines, studying various properties of shapes especially triangles, exploring transformations, calculating area and volume of solids, introductory practice with trigonometry, and much more!

Units covered include:

## Unit 1 - Essentials of Geometry

Unit 2 - Reasoning and Proof
Unit 3 - Parallel and Perpendicular Lines
Unit 4 - Congruent Triangles
Unit 5 - Similarity
Unit 6 - Right Triangles and Trigonometry
Unit 7 - Quadrilaterals
Unit 8 - Properties of Transformations
Unit 9 - Properties of Circles
Unit 10 - Measuring Length and Area
Unit 11 - Surface Area and Volume of Solids


Full Year
Algebra I (completed in $8^{\text {th }}$
Grade) and Geometry (completed in $9^{\text {th }}$ Grade)
4 credits
30 students
$10^{\text {th }}$ Grade

Course Description: Algebra ll is a required 10th grade course. Students will gain practice in writing and solving various algebraic inequalities and equations, using linear systems and matrices to solve problems, factoring quadratic functions, operating on polynomials and polynomial functions, working with exponents, exponential functions, and radical functions, and much more!

## Units covered include:

Unit 1 - Equations and Inequalities
Unit 2 - Linear Equations and Functions
Unit 3 - Linear Systems and Matrices
Unit 4 - Quadratic Functions and Factors
Unit 5 - Polynomials and Polynomial Functions
Unit 6 - Rational Exponents and Radical Functions
Unit 7 - Exponential and Logarithmic Functions

## PROBABILITY/STATISTICS/TRIGONOMETRY

Full Year


Prerequisite:
Credit:
Class Size:
Grade Level:

Algebra II
4 credits
30 students
$11^{\text {th }}$ Grade

Course Description: Probability, Statistics, and Trigonometry is a high school mathematics course. Students will gain practice in trigonometry and exploring the relationships of the side lengths and angles of triangles, especially right triangles. They will also use these relationships and trigonometric functions to help in exploring new ways to solve algebraic and geometric problems. As well, students will gain practice in calculating permutations and combinations, evaluating various problem/scenarios using probability, analyzing various data sets, calculating various statistical measures, central tendency, and dispersion, using probability and statistics to help in deciding better/worse odds in the real world, calculating various statistical distributions, and much more!

Units covered include:
Unit 1 - Rational Functions
Unit 3 - Counting Methods and Probability
Unit 5 - Sequences and Series
Unit 7 - Trigonometric Graphs, Identities, and Equations

Unit 2 - Quadratic Relations and Conic Sections
Unit 4 - Data Analysis and Statistics
Unit 6 - Trigonometric Ratios and Functions

## Science

| PHYSICAL SCIENCE 9 | NONE |
| :--- | :--- |
| Prerequisite: 4 credits <br> Credit: 28 students <br> Class Size: 9th Grade |  |
| Grade Level: |  |

Course Description: Physical Science is a 9th grade required course. The course encompasses concepts in chemistry and physics. There are many hands on activities and projects for students to participate in. We learn about measurement and how to do proper lab procedures. Topics covered include, Structure of the Atom, Elements and the Periodic Table, Chemical Reactions, Forces, including gravitational, motion, acceleration, and mass, Energy, including light, heat, and electricity, and sound and electromagnetic waves.

## BIOLOGY 10

Prerequisite:
Credit:
Class Size:
Grade Level:

## Full Year

Full Year
NONE
4 credits
28 students
$10^{\text {th }}$ Grade

Course Description: Biology is a science course designed to introduce students to the basic fundamentals of biology-the study of life. Students will learn biological concepts, proper lab techniques and science procedures through a variety of inquiry labs, hands-on activities, PowerPoint discussions, videos, group work, quizzes, tests, and other instructional activities. Students will know and understand the characteristics and structure of living things, the process of life, and how living things interact with each other and their environment.
Units covered include:

| Unit 1-Chemistry in Biology | Unit 2-Cellular Structures and Function |
| :--- | :--- |
| Unit 3-Cellular Energy | Unit 4-Cellular Reproduction |
| Unit 5-Genetics | Unit 6-Human Heredity |
| Unit 7—Biotechnology | Unit 8-Bacteria and Viruses |
| Unit 9—Fetal Pig Dissection | Unit 10-Communities, Biomes, and Ecosystems |
| Unit 11—Population Ecology | Unit 12-History of Biological Diversity |

ADVENTURE ECOLOGY
Prerequisite: Biology
Credit:
Class Size:
2 credits
24 students

| Sport Science |  | Semester |
| :--- | :--- | :--- |
| Prerequisite: |  | NONE |
| Credit: | 2 credits |  |
| Class Size: |  | 28 students |
| Grade Level: |  | $10-12$ |

## Course Description: Sport Science

Sport Science is a class looking at many aspects of sports. It is a semester long course. Some of the units are:

Exercise Physiology
Biomechanics
Sports Psychology
Sports Sociology - the role athletics
play in society
Motor Learning and Development
Students will be expected to partici-
pate in projects, presentations and also some physical activities involved in athletics. There will be a quarter long project in which students work to master a skill such as juggling or cup stacking.

Semester
Semester


Course Description: Through this course students will gain an appreciation for the environment and their role in preserving the environment. Student in this course will participate in many activities related to the outdoors and prepare for a week-long camping trip to the Boundary Waters Canoe Area Wilderness in Northern Minnesota, which will take place in June. The trip is physically challenging and students will have to work as a team to make the course successful.

Units covered include:

Unit 1 - BWCAW History.
Unit 3 - Geology and Weather
Unit 5 - Food and Menu Planning
Unit 7 - Orienteering

Unit 2 - BWCAW Rules and Regulations.
Unit 4 - Trip Planning
Unit 6 - Gear and Equipment

Additional Information: Estimated cost of the BWCAW trip is $\mathbf{\$ 2 5 0}(\$ 225+\$ 25$ deposit) to be paid by the student. The fee will be due at the end of the third quarter. In order for students to take part in the summer trip, they must pass the classroom portion of the class.

| ANATOMOY AND PHYSIOLOGY |  |
| :--- | :--- |
| Prerequisite: | Biology |
| Credit: | 2 credits |
| Class Size: | 24 students |
| Grade Level: | $11^{\text {th }}$ and $12^{\text {th }}$ Grade |

Course Description: This course involves studying the anatomy (structure) and physiology (functions) of the human body. Labs in this class will help students gain a better understanding of how the human body functions. Each system of the human body will be covered as unit. Some of the systems studied are the skeletal, circulatory, respiratory, digestive, muscular, and nervous systems.

Units covered include:
Unit 1 - Integumentary System
Unit 2 - Skeletal System
Unit 3 - Circulatory System
Unit 4 - Endocrine System
Unit 5 - Reproductive System
Unit 6 - Muscular System


Semester

## FOOD SCIENCE

Prerequisite:
Credit:
Class Size:
Grade Level:

Biology
2 credits
24 students
$11^{\text {th }}$ and $12^{\text {th }}$ Grade

Course Description: In the class we will experiment with foods to learn about how it affects your body and how science has affected the food industry. Students will take part in many experiments; some fit to eat, some not fit to eat. This course can fulfill a WCA Science credit.

Units covered include:
Unit 1 - What is Food Science?
Unit 2 - The Meaning of "Food"
Unit 3 - The Chemistry of Food
Unit 4 - Chemical Food Additives
Unit 5 - Food Sanitation
Unit 6 - The Meat Industry
Unit 7 - The Cereal Industry
Unit 8 - Food Science and World Hunger
Unit 9 - Food Preservation Techniques
Unit 10 - Food Marketing

HEALTH FIELD SCIENCE
Prerequisite: Biology
Credit: 2 credits
Class Size: 12 students
Grade Level: $\quad 11^{\text {th }}$ and $12^{\text {th }}$ Grade

## Semester

Course Descriptions: This class is designed to expose seniors to the many career opportunities in the healthcare field. The course is a partnership with Prairie Ridge Hospital and Health Services, Elbow Lake campus. Individually, seniors will spend one week of engaged instruction in different departments of the hospital/clinic. Students will follow a fourteen week rotation schedule that allows them to experience the many career options in the healthcare field. All seniors are encouraged to apply. There is a selection process for the limited spaces in this class. This class meets 1st and 2 nd periods then students will return to WCASS to report for period three.

Additional Information: The students will be responsible for their own transportation to the PRHHS in Elbow Lake. Students are required to wear scrubs, do journal entering, and complete competencies developed by the department managers.

## ASTRONOMY <br> Prerequisite: <br> Credit: <br> Class Size: <br> Grade Level:

NONE
2 credits
24 students
$10^{\text {th }}-12^{\text {th }}$ Grade

## Semester

Course Description: Welcome to the study of the skies. There will many videos on information we are studying. We look at what is beyond our Earth, the history of astronomy and how we have gained information. The focus is on the big picture and not being bogged down with facts and details. There are also more misconceptions in astronomy than any other science field so we straighten some of those out with data we have available. We occasionally, weather permitting, meet at night to use telescopes to view the moon, stars and constellations. These night viewings are not mandatory and have no effect on the student's grade.

Units covered include:
Unit 1 - Our Place in the Universe
Unit 2 - The Science of Astronomy
Unit 3 - Light and Telescopes
Unit 4 - The Solar System
Unit 5-Our Star - The Sun
Unit 6 - Properties of Stars
Unit 7 - Life Cycle of Stars
Weird Astro Stuff

## CHEMISTRY

Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
NONE
4 credits
24 students
$11^{\text {th }}$ and $12^{\text {th }}$ Grade


Course Description: The course begins with reviewing some of the mathematical calculations that are useful in chemistry, particularly measurement and the handling of both very small and large numbers. Next, we follow the progression of knowledge that has been gained about atoms over the years. Bonding, writing equations and stoichiometry are then covered with many lab activities used in order to apply the knowledge and gain better understanding. Occasionally, labs are graded according to accuracy and precision to stress the importance of being meticulous when measuring and following procedures. Next we cover the gas laws and gas stoichiometry. Acids and bases are then covered with several labs to determine strength of solutions and if time permits, we have a unit covering organic chemistry.

Units covered include:

Unit 1 - Lap Equipment and Lab Safety
Unit 3 - Measurement and Calculations
Unit 5 - The Periodic Law
Unit 7 - Chemical Formulas
Unit 9 - Stoichiometry
Unit 11 - Gases and Gas Laws
Unit 13 - Solutions
Unit 15 - Organic Chemistry

Unit 2 - Matter and Change
Unit 4 - Atoms and Electron Arrangement
Unit 6 - Chemical Bonding
Unit 8 - Chemical Equations
Unit 10 - States of Matter
Unit 12 - Gas Stoichiometry
Unit 14 - Nuclear Chemistry

## COMSUMER CHEMISTRY

Prerequisite: NONE
Credit:
Class Size:
Grade Level:

4 credits
24 students
$11^{\text {th }}$ and $12^{\text {th }}$ Grade

## Semester

Course Description: Consumer chemistry is a course that explores applications of chemistry to the general consumer. Students will explore topics related to the application of chemical principles to society. Possible topics include but are not limited to: nutrition, food chemistry, pesticides, atmospheric pollutants, soil chemistry, GMOs, vitamins, medicine, health and beauty products, environmental science, climate change, and alternative energy. There are several group projects in which the students will be given the chance to demonstrate their knowledge instead of the traditional paper/pencil tests.

INTRODUCTION TO PHYSICS
Prerequisite:
Algebra
Credit:
Class Size:
Grade Level:
2 credits
24 students

Semester

11th and $12^{\text {th }}$ Grade


Course Description: This course is a study of the laws of nature concerning motion, gravity and forces. Emphasis is put on understanding concepts as well as application using mathematical formulas. Trigonometry is helpful in the study and math applications we use in physics. Along with the book units, there are several hands on projects we do in which the students need to produce a product that can form a certain function. The class will attend Physics Day at Valley Fair in Shakopee to apply the concepts to the rides.

Units covered include:

Unit 1 - Science of Physics
Unit 3 - Two Dimensional Motion
Unit 5 - Work and Energy
Unit 7 - Circular Motion
Unit 9 - Sound
Unit 11 - Electricity

Unit 2 - Motion in one Direction
Unit 4 - Forces and the Laws of Motion
Unit 6 - Momentum and Collisions
Unit 8 - Vibrations and Waves
Unit 10 - Light and It's Properties

# Social Studies 

## The Old World

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

## NONE

2 credits
30 students
$11^{\text {th }}$ and $12^{\text {th }}$ Grade

Course Description: In this course students will learn about the history of the world. Starting in prehistory (c. 10,000 BCE) up through 1500 CE. We will cover the early stone age, the rise of ancient empires, conflicts throughout the old world, along with cultural and technological advancements. Included in this yearlong course will be lessons that help students practice historical and critical thinking, strategic use of resources, group discussions, and analysis skills. Activities include analyzing primary sources and maps, creating timelines, group projects, written assignments, small and large-group presentations, and conducting research projects.

Colonialism to the Present

Grade Level:


Course Description: In this course students will learn about the history of the world. Starting in 1500 CE up through the present day. We will cover colonialism, the trans-Atlantic trade, cultural and technological advancements, increasingly devastating wars, and an ever growing global network of trade and information. Included in this yearlong course will be lessons that help students practice historical and critical thinking, strategic use of resources, group discussions, and analysis skills. Activities include analyzing primary sources and maps, creating timelines, group projects, written assignments, small and large-group presentations, and conducting research projects.

Units covered include

Unit 1 - Connecting Hemispheres
Unit 2 - Absolutism to Revolution
Unit 3 - Industrialism and the Race for Empire
Unit 4 - The World at War
Unit 5 - Perspectives on the Present

"Those who don't know history are destined to repeat it."

| Geography | Full Year |
| :--- | :--- |
| Prerequisite: | None |
| Credit: | 4 credits |
| Class Size: | 30 students |
| Grade Level: | 8th grade |

Course Description: In this course students will learn about the human and physical properties of our planet. Included in this yearlong course will be lessons that help students practice cartography, critical thinking, discussion, and analysis skills. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, small and large-group presentations, and conducting research projects.

Units covered include:
Unit 1 - Beginnings through Revolution
Unit 2 - A New Nation
Unit 3 - The New Republic
Unit 4 - The Nation Expands
Unit 5 - The Nation Breaks Apart
Unit 6 - Reconstruction and a Gilded America

## The Modern American Century

Prerequisite:
Credit:
Class Size:
Grade Level: 2 credits

The Young Republic

30 students
10th grade


Course Description: In this course students will learn about the history of the United States. Starting in the progressive era (c. 1900 CE) up through the present. Included in this single semester course will be lessons that help students practice historical and critical thinking, group discussion, and analysis skills. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, small and large-group presentations, and conducting research projects.

Units covered include:
Unit 1 - The Progressive Era
Unit 2 - World War I
Unit 3 - The Roaring 20s
Unit 4 - The Great Depression
Unit 5 - World War II
Unit 6 - The Civil Rights Era

## The Young Republic Full Year

Prerequisite: None
Credit: 4 credits
Class Size: 30 students


Grade Level: 9th grade

Course Description: In this course students will learn about the history of the United States. Starting in prehistory (c. 10,000 BCE) up through the Gilded Age (c. 1900 CE). Included in this yearlong course will be lessons that help students practice historical thinking and analysis skills. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, small and large-group presentations, and conducting independent research.

## Units covered include:

Unit 1 - Beginnings through Revolution
Unit 2 - A New Nation
Unit 3 - The New Republic
Unit 4 - The Nation Expands
Unit 5 - The Nation Breaks Apart
Unit 6 - Reconstruction and a Gilded America

## "The more you know about the past, the better prepared you are for the future

~ Theodore Roosevelt


Government and Politics
Semester

| Prerequisite: | Civics |
| :--- | :--- |
| Credit: | 2 credits |
| Class Size: | 30 students |
| Grade Level: | 12th grade |

Course Description: Welcome to the study of government and your rights, responsibilities, and duties as a citizen in our representative democracy! In this class, you will learn about various aspects of the United States government at the federal, state, and local level. A special focus will be paid to Minnesota's government. You will learn how politics and current events interact with your government and how they affect your daily life. Lastly, we will look at the United States' role in the world and how we interact with other nations.

Units covered include:
Unit 1 - Foundations of Representative Democracy
Unit 2 - Constitution
Unit 3 - Criminal Rights
Unit 4 - Parties and Elections
Unit 5 - Legislative Branch
Unit 6 - Executive Branch
Unit 7 - Judicial Branch

World History
Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
None 4 credits 30 students 9th grade

Course Description: In this course students will learn about the history of the world. Starting in prehistory (c. 10,000 BCE) up through the present day. Included in this yearlong course will be lessons that help students practice historical and critical thinking, strategic use of resources, group discussions, and analysis skills. Activities include analyzing primary sources and maps, creating timelines, group projects, written assignments, small and large-group presentations, and conducting research projects.


Units covered include:
Unit 1 - Beginnings of Civilization
Unit 2 - New Directions in Government and Society
Unit 3 - An Age of Exchange and Encounter
Unit 4 - Connecting Hemispheres
Unit 5 - Absolutism to Revolution
Unit 6 - Industrialism and the Race for Empire
Unit 7 - The World at War
Unit 8 - Perspectives on the Present


| Military Strategy and Tactics | Full Year |
| :--- | :---: |
| Prerequisite: | None |
| Credit: | 2 credits |
| Class Size: | 30 students |
| Grade Level: | 10th-12th Grade |

Course Description: This course will examine, through primary source documents, maps, film, discussion, simulations, and group projects everything from individual troop tactics on ancient battlefields, to the grand strategies of the world's great powers in the 19 th and 20th centuries. Students will examine and analyze historical battles, critique the strategies of history's greatest military minds, and compete against each other in a number of strategy games and simulations.

## PSYCHOLOGY

## Semester

Prerequisite:
Credit:

None<br>2 credits<br>30 students<br>$10^{\text {th }}-12^{\text {th }}$ Grade

Class Size:
Grade Level:


Course Description: Psychology is a one semester, intellectual, survey course designed for students who would like to explore human nature from a combined cultural-biological viewpoint. Basic terms, concepts, and principles of psychology are introduced as well as contradicting viewpoints as to how these basic factors can be interpreted. Topics such as emotion, experience, meaning, perception, learning, behavior, personality, and self-concept are reviewed through discussion, lecture, introspection, journal writing, observation, case studies, handouts, a basic text, movies, and field projects. It is expected that students electing this course would be willing to make a strong individual preparation in order to share their ideas and, on occasion, engage in group learning tasks. A major goal of the course is to expand our basic curiosity to a point where we can make legitimate evaluative statements about socially significant behavior and the psychological implications for issues now confronting society.

SOCIOLOGY
Prerequisite:
Credit:
Class Size:
Grade Level:

Semester
None
2 credits
30 students
$10^{\text {th }}-12^{\text {th }}$ Grade


Course Description: This course is an examination of current social problems that confront the individual, the United States, and the International Community. Concepts of behavior sciences are introduced. The course presents a broad range of social problems, with a particular focus on the complex relationships between contemporary issues. Students are presented the current research data that explains both of the causes and possible resolutions to important social issues.

Units covered include:
Unit 1: Social Problems- Personal Troubles or Public Issues
Unit 2: The Bases of Inequality
Unit 3: Our Social Institutions (Chapters 7-8)
Unit 4: Our Social and Physical Worlds
Unit 5: Individual Action and Social Change

LAW AND JUSTICE/MOCK TRIAL
Full Year
Prerequisite: Teacher/Administrative Approval
Credit:
2 English AND 2 Social Studies credits
Class Size:
8-12 students
$10^{\text {th }}-12^{\text {th }}$ Grade


Course Description: This year-long course will use a co-teaching model to inform and explore how the legal systems in the United States operate and how they impact our culture. Students will spend $50 \%$ of their class time with the Social Studies teacher. These periods will focus on the history and development of our legal system, as well as its social impact. Students will spend the remainder of time with the English teacher. These periods will be spent looking at works of literature through the theme of justice, as well as non-fiction essays and articles dealing with it as well.

During the 2nd and 3rd quarter of the year the class will focus on teaching, developing, and competing in the MN Bar Association's High School Mock Trial Competition. Students will learn courtroom procedure, create arguments, write opening and closing remarks, work with witnesses to develop direct and cross-examinations, and eventually compete against other teams.

## "Injustice anywhere is a threat to justice everywhere."

## HEALTH/PHYSICAL EDUCATION

HEALTH AND PE 10
Prerequisite:
Credit:
Class Size:
Grade Level:

None 4 credits<br>32 students<br>$10^{\text {th }}$ Graders

Full Year

Course Description: As teachers of Physical Education for West Central Area Schools, it is our goal to teach our students the benefits of physical activity and making healthy decisions for a lifetime. We believe that the quality of one's life is greatly enhanced when physical activity and healthy decision making is incorporated into everyday life. The main purpose of our classes is to teach the students how to develop and maintain an optimum level of lifetime fitness and health. In the Health portion of this course students will be introduced to a variety of health content information to allow students to make healthy decisions for life. Areas of study will include; personal health, your mental and emotional health, managing stress in your life, mental and emotional problems, peer relationships, resolving conflict and preventing violence, the life cycle continues, understanding medicines, recovering from addiction and codependency, infectious diseases, sexually transmitted diseases, HIV and AIDS, noninfectious diseases and disabilities, consumer choices and public health, the health of the environment, your safety and well-being, providing first aid, and handling emergencies.

In the PE portion of this course students will spend 1 day a week on Conditioning and Weightlifting. Weekly units will include; team building activities, soccer, ultimate frisbee, football, volleyball, handball, gator-ball games, fitness testing, floor hockey, cardio mat kickball, whiffle ball, badminton, archery, softball, and tennis.

## LIFETIME FITNESS

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

## None

2 credits
20 students
$11^{\text {th }}$ and $12^{\text {th }}$ Graders

Course Description: As teachers of Physical Education for West Central Area Schools, it is our goal to teach our students the benefits of physical activity and making healthy decisions for a lifetime. We believe that the quality of one's life is greatly enhanced when physical activity and healthy decision making is incorporated into everyday life. The main purpose of our classes is to teach the students how to develop and maintain an optimum level of lifetime fitness and health.

## WEIGHTLIFTING

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

Teacher Approval
2 credits
15
$10^{\text {th }}$ and $12^{\text {th }}$ Graders

| PHYSICIAL EDUCATION $\mathbf{9}$ |  |
| :--- | :--- |
| Prerequisite: | None |
| Credit: | 4 credits |
| Class Size: | 30 students |
| Grade Level: | 9th Graders |

## Full Year

se Description: In this year long course students learn about and participate in different athletic type activities such as, basketball, football, volleyball, badminton, etc. Roughly 2-3 weeks are spent learning about and participating in the various activities. A focus is put on the history of each particular activity, the rules of the activity, and learning the basics of the activity being studied. Students are quizzed on different aspects of the activity being studied such as the rules and fundamentals of the activity.

Course Description: In this semester long, co-ed class students will be given the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the fundamentals of weight training, 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.

## Art

## CERAMICS

Prerequisite:
Credit:
Class Size:
Grade Level:

Semester
None
2 credits
20 students
$9^{\text {th }}-12^{\text {th }}$ Grade


Course Description: This course is an introduction to working with various clay mediums. Students will establish a foundation of understanding the basic clay building methods, which include: pinch, coil, slab and throwing on the potter's wheel. In addition, students will become aware of materials and tools related to ceramics. Students will produce a body of work based on building and decoration techniques and study the history and influences of pottery. Students will also be creating multiple part projects using the wheel along with studying tile making methods and history of tiles. Major projects include a tea pot, platter and cups, tile trivet and tile table/ wall hanging. Major projects include a slab box, coil vase, molded dish, and place setting.

# "Art is as natural as sunshine and as vital as nourishment." 

~ Mary Ann F. Kohl

## PHOTOGRAPHY

Prerequisite:
Credit:
Class Size: 14 students
Grade Level: $\quad 9^{\text {th }}-12^{\text {th }}$ Grade

## Semester

Course Description: Students will gain a basic understanding of the visual and technical aspects of photography. Students will also learn the process involved in creating a quality photographic image. This course includes processing black and white film and photos, as well as use of a digital camera. Students will also explore the history of photography and various photography artist. In addition, students will develop their understanding of composition and communication through their choices in what to photograph. Major projects include a portfolio from the semester's work that includes photograms, negatives, contact sheet, test strips, enlargements, digital camera prints, and various other class assignments.

## ACRYLIC PAINTING

## Semester

Prerequisite: Preference given to student who have taken 2-Dimensional Art
Credit:
Class Size: 2 credits
20 students
Grade Level: $\quad 9^{\text {th }}-12^{\text {th }}$ Grade
Course Description: Students will gain a better understanding of composition while using various painting mediums, including acrylic, oil pastel, and watercolor. Students will apply the elements and principles of design in their paintings while having the opportunity to express their ideas and feelings. Various painting techniques and skills will be covered along with the study of different cultures and time periods. Major projects include 16 techniques painting, large stretcher build canvas, Impressionist inspired piece, Pop art inspired piece and possible mural or community project.


## 2-DIMENSIONAL ART

Prerequisite: NONE
Credit: 2 credits
Class Size: 22 students
Grade Level: $\quad 9^{\text {th }}-12^{\text {th }}$ Grade

Semester

Course Description: Students will learn about the elements and principles of design
and how they work together to make a complete and interesting 2-D composition. Students will learn various drawing and painting techniques and use a variety of 2-D media, which may include: pencil, charcoal, chalk pastel, oil pastel, pen and ink, colored pencil, marker, watercolor and tempera. In addition, students will participate in teacher, peer, and selfevaluations of artwork. Finally students will gain an increased awareness of historical, social, and various cultural influences that have affected various 2-D art. Major projects include many drawings and painting involving the use of various media Art or artist appreciation paper/evaluation.

## 3-DIMENSIONAL ART

## Semester

| Prerequisite: | NONE |
| :--- | :--- |
| Credit: | 2 credits |
| Class Size: | 22 students |
| Grade Level: | $9^{\text {th }}-12^{\text {th }}$ Grade |

Course Description: Students will learn about the elements and principles of design and how they work together to make a complete and interesting 3-D composition. Students will also experiment with various types of 3-D media which may include modeling clay, paper-mache, wire, plaster, found objects, etc. In addition, we will research various sculpture artists, their art and history. Finally, students will participate in teacher, peer, and self-evaluations of artwork. Major projects include scaled paper-mache animal, tape human form, recycled project, wood carved, soapstone carving and artist appreciation power point.

## TEXTILES/QUILTING

## Semester

Prerequisite:
NONE
Credit:
2 credits
Class Size: 15 students
Grade Level: $\quad 9^{\text {th }}-12^{\text {th }}$ Grade
Course Description: Students will learn the techniques of sewing by machine and hand. Students will then apply these techniques to create various fabric inspired projects. Learn to knit, crochet, embroider (by hand or machine), serge, sew, or any textile related skill. Students will select and plan their individual projects. Projects may include a full size quilt, wall hanging, applique, pillow, scarves, mittens, etc.

Additional Information: Students must purchase supplies for one large project or more than one small project to be completed.

## ARTS EVERYDAY

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

## NONE

2 credits
22 students
$9^{\text {th }}-12^{\text {th }}$ Grade

Course Description: This class focuses on the everyday inspiration to create. Students will have the opportunity to focus on popular ideas of the times in hopes to inspire students to create art that is attainable and uses in our everyday lives. We invite local artist to share their craft, learn about materials that are used in everyday life and find inspiration from forums like Pinterest and class interests. Projects include spray paint, altered book, wood burning, watercolor, and stained glass.

## WATERCOLOR

Prerequisite:
Credit:
Class Size:
Grade Level:
Textbook:

## Semester

Preference will be given to students who have taken 2-Dimensional Art 2 credits 20 students $10^{\text {th }}-12^{\text {th }}$ Grade NONE

Course Description: Students will gain a better understanding of composition while using watercolor. Students will apply the elements and principles of design in their paintings while having the opportunity to express their ideas and feelings. Various watercolor painting techniques and skills will be covered along with the study of different artist and applications. Major Projects include Large Scale Watercolor, and Yupo paper ink painting.

## FIBER ARTS

Prerequisite:
Credit:
Class Size:
Grade Level:

Semester
NONE
2 credits
20 students
$9^{\text {th }}-12^{\text {th }}$ Grade

## FOLK ART <br> Prerequisite: <br> Credit: <br> Class Size: <br> Grade Level: <br> Semester <br> NONE <br> 2 credits <br> 22 students <br> $9^{\text {th }}-12^{\text {th }}$ Grade

Course Description: Students will create wonderful folk art and crafts while applying the elements and principles of design. Students will be introduced to folk arts and craft materials, techniques and functions from cultures around the world. Some of the mediums and techniques to be explored may include batik, bead-working, candle-making, mask making, painting, wood burning, tie-dye, yarn painting and weaving. Mediums and techniques will vary depending on opportunities and available materials. Finally, students will participate in teacher, peer, and self-evaluations of artwork. Major projects include a yarn painting, batik pillow and tiedye.

Additional Information: There is a $\mathbf{\$ 1 0}$ fee to help cover the cost of supplies. Students are provide a Tshirt for tie-dye and glass.


## GRAPHIC DESIGN

Prerequisite:
Credit:
Class Size:
Grade Level:

NONE
2 credits
15 students
$10^{\text {th }}-12^{\text {th }}$ Grade

## Semester

Course Description: Have you always wanted to learn how to use different fiber materials to create works of art? Well, if so, this class is for you. In this class, you will be using materials like string, yarn, fabric, cloth, and create to create works of art. We will be learning basic sewing techniques, applique, fabric dying, rug making, weaving, and yarn art. Major projects include a wall hanging, rug, and pillow.

Additional Information: For this class students will be required to purchase some materials based on projects chosen.


Course Description: Students learn and apply fundamentals of various software applications (such as Illustrator and Photoshop), image editing, drawing and graphic animation. Advertising and marketing projects will be incorporated throughout the semester to coordinate technical skills with organization and communication.


## Music

## CONCERT BAND

Prerequisite:
tor Permission
Credit:
Class Size:
Grade Level:

Full Year<br>Junior High Band or Instruc-<br>4 credits<br>100 students<br>$9^{\text {th }}-12^{\text {th }}$ Graders

Course Description: Concert Band is a performance class. The group will study and perform a variety of band literature, which will include traditional and contemporary band music. Students are encouraged to participate in a solo or ensemble. This participation will improve students' individual and group musicianship skills. Grading will be a reflection of the student's effort, participation, attitude, improvement and lesson attendance. over the course of the year. Three lessons per quarter are required for all high school band members. Students need to be in concert band all year in order to receive credit for the class.

Requirements: Pep band is required, must attend all concerts, and must be in band full year of trip year

## A'CAPELLA CHOIR

Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
Must Audition/Instructor Permission
4 credits
Varies
$10^{\text {th }}-12^{\text {th }}$ Graders

Course Description: Students strive to sing "category 1" (college level) music and accept many invitations to perform at choral festivals throughout the area. Students are also required to perform at many out-of-school events. The final grade is based on participation, voice lessons, attendance, and knowledge of subject area. The choir performs at all 4 choral concerts and high school graduation. A'cappella choir is selected by audition only. Choir is a yearlong class and students must participate in all 4 quarters to receive credit. Public performances each quarter are considered "Final Tests" and are required.

Addition Information: Students are not eligible for any choir trip unless they have 1 full year of choir prior to the "trip year" and participate in choir the entire year of the scheduled trip.

Guitar
Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

None
2 credits
Varies
$10^{\text {th }}-12^{\text {th }}$ Graders

CONCERT CHOIR<br>Prerequisite: structor Permission<br>Credit:<br>Class Size:<br>Grade Level:

Course Description: Concert Choir meets on a daily basis and is open to all students grades 9-12. The choir continues to sing all varieties of music in all languages and strives to sing category 2 music. Students participate in a public performance at the end of each quarter and their final grade is based on attendance, participation, and their public performance each quarter. Choir is a yearlong class and students must participate in all 4 quarters to receive credit. Public performances each quarter are considered "Final Tests" and are required. The performances are required by the state to meet the academic standards in the arts.

Additional Information: Students are not eligible for any choir trip unless they have 1 full year of choir prior to the "trip year" and participate in choir the entire year of the scheduled trip.

```
                    WHy music?
            music is a science
It is exact, specific; it demands exact acoustics.A conductor's full score is a
chart, a graph which indicates frequencies, intensites, volume changes, melody
    and harmony all at once and with the most exact control of time.
            music is mathematical
It is rhythmically based on the subdivision of time into fractions which must be
            done instantaneously, not worked out on paper
                music is a foreign ianguage
    Most of the tems are in Italian, German, or French; and the notation is
symbols to represent ideas.The semantics of music is the most complete and
universal language. Also, many songs we study are from other cultures.
                music is pHysical education
It requires fantastic coordination of fingers, hands, arms. lip. cheek, and facial
It requires fantastic coordination of ingers, hands, arms., lip. cheek, and facia
stomach, and chest muscles, which respond instantly to the sound the ear hears
                                    and the mind interprets.
            most Of all, music is aRt
It allows a human being to take all these dry, technically boring (but difffcult)
techniques and use them to create emotion.That is one thing science cannot
                            duplicate: humanism, feeling, emotion.
```

Course Description: Students will learn basic guitar skills throughout the semester.

## Career and Technical Education

## Business Education

CAREERS AND COMPUTER APPLICATIONS 9

Prerequisite: None
Credit: $\quad 2$ credits
Class Size: $\quad 30$ students
Grade Level: $\quad 9^{\text {th }}$ Grade

## Course Description:



Computer Applications: This portion of the class will cover about four weeks. Students will work with word processing (Microsoft Word), spreadsheets (Microsoft Excel), and presentations (Microsoft Power Point) that will help them be able to create necessary documents throughout high school, college, and their adult life. The text is set up much like an independent study. Many illustrations are provided, and each application starts with the basics. Students complete a project as they work through each chapter and additional projects are provided at the end of each chapter.

Careers: The Career portion of this class will introduce students to various career paths available to them with a focus on fitting student's strengths to available career paths and the job application process. This class will be broken into six units.

1) Skills and Interest Surveys - finding out about you and your strengths
2) Exploring Careers - "MN Careers Book"
3) Career Research
4) College/Education Unit
5) Resume/Interview Job Skills Unit


SCHOOL WEB PAGE
Prerequisite:
Credit:
Class Size:
Grade Level:

Semester

## None

2 credits
30 students
$10^{\text {th }}-12^{\text {th }}$ Grade

## BUSINESS MATH

Prerequisite: None
Credit: $\quad 2$ credits
Class Size: 30 students
Grade Level: $\quad 10^{\text {th }}-12^{\text {th }}$ Grade
Course Description: Topics covered in this class include gross pay, net pay, banking, credit cards, loans, owning a home or a car, insurance and investments, budgets, business costs, business profit and loss. Students will integrate technology by creating spreadsheets to solve problems and communicate information.

Units covered include:

| Chapter 1: | Gross Pay |
| :--- | :--- |
| Chapter 2: | Net Pay |
| Chapter 3: | Banking |
| Chapter 4: | Credit Cards |
| Chapter 5: | Loans |
| Chapter 6: | Owning a Home or car |
| Chapter 7: | Insurance and Investments |
| Chapter 8: | Budgets |
| Chapter 9: | Business Costs |
| Chapter 10: | Sales and Marketing |
| Chapter 11: | Manage People \& Inventory |
| Chapter 12: | Business Profit and Loss |

## ECONOMICS

Prerequisite:
Credit:
Class Size: 30 students
Grade Level: $\quad 12^{\text {th }}$ Grade

## Semester

None 2 credits

\section*{Semester

## Semester

## Semester

SENIOR SEMINAR 12
Prerequisite: None
Credit: 2 credits
Class Size: 30 students
Grade Level: $\quad 12^{\text {th }}$ Grade done.

Units Covered include:
Unit 1 - Self Evaluation
Unit 3 - Job Skills Unit

Course Description: This class is designed to help transition from high school to adult life whether it is college, work, or the military. Topics covered will include: researching colleges that match their career choice, how to fill out a college application, searching for scholarships, working on Dollars-for-Scholars profiles, the financial aid process, resumes, cover letters, and job interviewing skills, college prep 101, a real world university unit, paperwork for starting a job (w-4), how to do a 1040 EZ tax form, and what the different tax forms are (w-2, 1099, etc.). Students will also do a day of Job Shadowing with an area employer. The employers will go over their resume with them and do an actual mock job interview with them while giving the students feedback when they are

Unit 2 - College Exploration Unit
Unit 4 - Job Shadowing Unit
Unit 5 - Real World University/College 101
Unit 6 - Financial Success

## Semester



Course Description: Students will study different world economies and how they affect one another as well as supply and demand, investing, and how the consumers and producers are affected. Students will learn about personal finance and budgeting by using a checkbook and balancing it. Also, a lot of discussion is held in class that deals with teenagers and the consumer decisions that they make. Students will be expected to do the required readings as assigned and are graded on homework, quizzes, research, tests and a final project on managing money for a family.

## ACCOUNTING

Prerequisite: None
Credit: 2 credits
Class Size: 30 students
Grade Level: $\quad 10^{\text {th }}-12^{\text {th }}$ Grade

## Family Consumer Science (FACS)

CULINARY ARTS / HOSPITALITY Semester<br>Prerequisite: Consumer Foods Grade 10\& 11<br>Seniors None<br>Credit:<br>Class Size:<br>Grade Level:<br>2 credits<br>24 students<br>$10^{\text {th }}-12^{\text {th }}$ Grade

Course Description: Challenge your culinary skills through learning garnishes, creative and artistic ways of plating food, decorating cakes, table setting, napkin folding, creating your own recipes, participating in "cupcake wars", and field trip to restaurant or culinary school upon approval from administration. The final will be to prepare a 7 course meal to be served and eaten with proper place settings and etiquette.

## CHILD DEVELOPMENT

| Prerequisite: | NONE |
| :--- | :--- |
| Credit: | 2 credits |
| Class Size: | 24 students |
| Grade Level: | $10^{\text {th }}-12^{\text {th }}$ Grade |

Course Description: Course Description: Learn what it is to be effective with children. This course is for anyone who is considering going into a child-related field such as teaching, early childhood, social work, any medical profession, childcare, nanny, etc.; OR plans to be a parent someday. We will study child development, discipline techniques, having fun with kids, careers working with children. This course includes an experience with electronic babies, empathy bell, and a case study actually working with children in a setting of your choice such as day care, elementary classroom, or someplace where many children interact. There will be a hands-on experience with electronic babies and an empathy belly case study as well.


GLOBAL FOODS<br>Semester<br>Prerequisite: Consumer Food for $10^{\text {th }}$ and $11^{\text {th }}$ Graders. No prerequisite for $12^{\text {th }}$ Graders<br>Credit: $\quad 2$ credits<br>Class Size: 24 students<br>Grade Level: $10^{\text {th }}-12^{\text {th }}$ Grade

Course Description: Explore global cultures, cuisines, and cooking techniques from countries around the globe. Expand appreciation for the cuisine and skills when preparing foods and then enjoy trying them. Have fun participating in a "Chopped" event and selecting a country that you'll develop a presentation on and create food for class to sample.


CONSUMER FOODS
Semester
Prerequisite: NONE
Credit: $\quad 2$ credits
Class Size: 24 students
Grade Level: $\quad 9^{\text {th }}-12^{\text {th }}$ Grade
Course Description: Learn to plan and prepare basic foods and meals. How to shop for quality ingredients (field trip to grocery store), buy food ingredients on a budget, store foods, learn the basic cooking equipment and terms, and try various basic cooking/baking techniques. Final consists of "kitchen olympics."

Additional Information: Some projects require students to bring supplies from home.

## FASHION DESIGN./ SEWING / ACCESSORIZING <br> Semester <br> Prerequisite: <br> Credit: <br> Class Size: <br> Grade Level: <br> NONE <br> 2 credits <br> 18 students <br> $9^{\text {th }}-12^{\text {th }}$ Grade

Course Description: Accessorize and select fashion designs that accentuate your best features! Students will learn basics selecting colors and designs, of taking a piece of clothing and altering to "fit," sewing, crocheting, knitting, jewelry making, and other areas of interest. Students will select a "project" of their choice to complete for their final.

INTERIOR SPACE AND DESIGN Semester
Prerequisite:
Credit:
Class Size:
Grade Level:

None 2 credits 18 students $9^{\text {th }}-12^{\text {th }}$ Grade

Course Description: Incorporate elements of design in your final project - designing your own apartment. This is possible because you'll have studied the elements of design, how to read and draw a floor plan, create room arrangements that flow, coordinate color, texture, and design of furniture, window, wall, and floor treatments. Smaller projects include repurposing an item, sewing a pillow or small runner, and a piece of wall art.


## FAMILY/RELATIONSHIPS

Semester
Prerequisite:
None
Credit: 2 credits
Class Size:
Grade Level:
24 students
$10^{\text {th }}-12^{\text {th }}$ Grade
Course Description: This is an introductory course that is especially relevant for students interested in careers that involve interacting with people. It is also valuable for all students as a life foundation and academic enrichment. This course addresses knowledge and skills needed for positive and productive relationships in career, community, and family settings. Major course topics include communication skills; leadership, teamwork, and collaboration; conflict prevention, resolution, and management; building and maintaining relationships; and individual needs and characteristics and their impacts on relationships. A project-based approach that utilizes higher order thinking, communication, leadership, and management processes, and fundamentals to college and career success will integrate these topics.

# Industrial Technology (I.T.) 

## FINE WOODWORKING

Prerequisite:
NONE
Credit:
Class Size:
Grade Level:
2 credits
18 students

Semester
$10^{\text {th }}-12^{\text {th }}$ Grade


Course Description: Students choose woodworking projects dealing in cabinetry, wood lathe techniques, and meticulous and intricate joints. Projects are of the student's design, unless prior arrangements are made. Students will be evaluated weekly on work, being on task, working cooperatively and on the quality of their finished projects. Safety tests and attendance are also a considerable portion of the class grade.

Course Description: In this class students learn the fundamentals of drafting in many different ways. The class designs and paints the football field for Homecoming. Students are required to make several manual and computer drawings. Three dimensional modeling is done using building blocks and Lego bricks. Student models are 3D printed. The final project for the class allows members to design, draft, and construct an animated toy of their own design. Course grading is based on daily drawings, written and hands-on tests, group cooperation, group projects, and task management.

## ENGINEERING DESIGN

| Prerequisite: | NONE |
| :--- | :--- |
| Credit: | 2 credits |
| Class Size: | 18 students |
| Grade Level: | $10^{\text {th }}-12^{\text {th }}$ Grade |

## Semester

Grade Level:

## ARCHITECTURAL CAD

Prerequisite:
Credit:
Class Size:
Grade Level:

Semester

Course Description: In this course students learn the fundamentals of architectural drafting. Students will learn the basics of architectural planning, layout, drafting, and design. 3D walk-through and rendering is integrated into residence planning. Students are required to draft a residential house plan of their own design to include floor plans and elevation drawings. The class involves a variety of hands-on activities. Course grading is based on drawing assignments, written tests, and design and layout of each student's house plan.

## COMPUTER PROGRAMING AND MANUFACTURING <br> Semester <br> NONE <br> 2 credits <br> 18 students <br> $10^{\text {th }}-12^{\text {th }}$ Grade

Course Description: Explore the basics of computer programming. Students use Scratch, a visual programming software, to learn coding. Students also program a 3D printer, LEGO Mindstorm robotics, and computerized mills and lathes to produce projects. Course grading is based on daily work, written and hands-on tests, group cooperation, group projects, and task management.

Semester

DESKTOP PUBLISHING AND COMPUTER IMAGING

| Prerequisite: | NONE |
| :--- | :--- |
| Credit: | 2 credits |
| Class Size: | 18 students |
| Grade Level: | $10^{\text {th }}-12^{\text {th }}$ Grade |



Course Description: In this course, students will learn the basics of desktop publishing. Students are introduced to concepts of page layout, digital photography, and scanning. Each student is required to create documents relating to an organization of their choice. Students have unlimited access to laser engraving from images of their own design. Course evaluation is based on group cooperation, computer assignments, written tests and final project evaluation.

# AGRICULTURE 

## AGRICULTURE 9

Prerequisite:
Credit:
Class Size:
Grade Level:

Semester

None<br>2 credits<br>30 students<br>$9^{\text {th }}$ Graders

Course Description: Ag 9 is an exploratory ag class designed to show 9 th grade students the world of agriculture. Units covered include companion animals, farm animals, the basics of soil, welding, small engine and agricultural products. The class is a mix of lecture and hands-on in the ag shop. Students will also learn about the FFA program.

## SMALL ENGINES

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

```
None
2 credits
20 students
10}\mp@subsup{}{}{\mathrm{ th }}-1\mp@subsup{2}{}{\mathrm{ th }}\mathrm{ Graders
```

PLANT/SOIL SCIENCE

## Semester

| Prerequisite: | None |
| :--- | :--- |
| Credit: | 2 credits |
| Class Size: | 22 students |
| Grade Level: | $10^{\text {th }}-12^{\text {th }}$ Graders |

Course Description: This class explores the world of plants. Students will be introduced to the basic parts of a plant and its flower, learn about the importance of agricultural crops on world population, and explore the composition of soil. Throughout the entire class, students can explore career areas that involve plants, soils, horticulture, Agronomy and floriculture.

| ANIMAL/VET. SCIENCE |  |
| :--- | :--- |
| Prerequisite: | None |
| Credit: | 2 credits |
| Class Size: | 24 students |
| Grade Level: | $10^{\text {th }}-12^{\text {th }}$ Graders |

Semester
Prerequisite:
None

24 students
$10^{\text {th }}-12^{\text {th }}$ Graders
Course Description: This class explores career areas surrounding animals and their care. Students will learn about large agricultural production animals as well as small companion animals. Find out what it takes to work in the fields of animal health and production. Students will gain a new understanding of animals and their genetics, heritage, uses, and what the future may hold. This is a good course to help you get started on your way to working with animals.


WILDLIFE NATURAL RESOURCES MGMT. Semester

Prerequisite:
Credit:
Class Size:
Grade Level:

None
2 credits
24 students
$10^{\text {th }}-12^{\text {th }}$ Graders
to take things apart and remake them? Ever wonder how an engine works? All these questions and more will be answered in Engines class. Students will start out in the classroom by learning basic engine theory, what parts are, and where they go. Once completed, students will learn some basic shop safety and then be on their way to dismantling a small engine and rebuilding it! Students will disassemble and reassemble a single cylinder and V-Twin engine. Students will perform small gas engine troubleshooting, maintenance and repair and will be able to explain the operation of the internal combustion engine. After that, students will work on their own projects - maybe dad's mower or that dirt bike in the corner of the garage.

Course Description: Natural Resources focuses on, environmental issues, fish and wildlife management and outdoor recreation. Large Game Animals, Small Game, Upland Game Birds, Waterfowl, Insect, and Fish Identification will all be covered. Guest speakers, field trips, and projects from all areas of natural resources and resource management will add interest to active learning. This course would prepare students for careers in the DNR, forestry, wildlife management, and fisheries areas and interested in becoming ecologists, biologists and pollution control specialists, or conservation officers.


## WELDING

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

Course Description: Learn properties of metal and effective welding. In a classroom setting, students will learn about the different types of welding such as Arc welding, Oxy-Acetylene welding, MIG (wire feed) welding, and others. Working in the Ag. shop, students will learn basic shop safety and have a chance to actually do the types of welding learned about in the classroom. Students will be required to work with hot metal and fire. Students will also have time to work on their own projects.

## AG. MECHANICAL SYSTEMS Semester

Prerequisite: Small Engines and Welding are helpful but not required
Credit: 2 credits
Class Size: 20 students
Grade Level: $\quad 10^{\text {th }}-12^{\text {th }}$ Graders
Course Description: Explore the world of mechanical engineering through the study of agricultural systems. Students will look ag based skills to help maintain a farm operation. Units include carpentry, electrical, plumbing, concrete, rope tying, land measuring and metal working. Shop work will include building models and practicing new techniques from the unit.

| BASIC AUTOMOTIVE CARE |
| :--- |
| Prerequisite: |
| Small Engines class is <br> helpful, but not required |
| Credit: |
| Class Size: |
| Grade Level: |



Course Description: This course is designed to learn correct methods of maintaining automobiles for better and longer service. Students will learn how to change light bulbs, oil, wiper blades and brake pads. Students will learn about safely removing tires and properly reinstalling them after inspections and tire rotations. Students will gain a better understanding of automotive insuring, buying, and financing. Many related careers will be explored.

## AGRIBUSINESS MANAGEMENT

Prerequisite:
None
Credit:
Class Size:
Grade Level:
2 credits

Semester

20 students
$10^{\text {th }}-12^{\text {th }}$ Graders

Course Description: Agriculture is a cornerstone of business in western Minnesota and much of the nation. Individuals involved in agriculture run highly complex businesses which require thoughtful planning and analysis. Students will learn how to run their own business, keep records on it, develop budgets, and make management decisions. The Adult Ag. Ed. department will assist at times in giving students "real" world type situations to look at in the business world.


# COMMERCIAL DRIVER LICENSE /COMMERCIAL PESTICIDE APPLICATOR LICENSE 

Prerequisite:
None
Credit: 2 credits
Class Size: 20 students
Grade Level: 11th - 12th Grade (Must be 17 to obtain class B
CDL or 18 to obtain class A CDL and Commercial Pesticide Applicator License)
Students will gain the information needed to obtain a Commercial Drivers License. The students will study the testing manual, as well as perform pre and post trip inspections. (Students will also have the opportunity to practice driving trucks to prepare for the state driving
 test) Various endorsements may be covered in the class as well. The student will also learn about the world of fertilizer and pesticide application. We will cover the information needed to obtain a commercial pesticide applicator license as well as what it takes to be successful in an ever evolving career.

## COLLEGE IN THE SCHOOLS (CIS) INTRODUCTION TO AMINAL SCIENCE

Prerequisite: Top 50\% of graduating class; Earned a C or higher in Animal Science.
Credit: $\quad 2$ high school credits; 4 University of Minnesota credits
Class Size:
20 students
Grade Level: 11th - 12th Grade
Course Description: Are you interested in a career that involves animals? Or do you have plans to raise some hobby animals in the future? Introduction to animal science puts an emphasis on fundamental concepts of physiology, nutrition, animal breeding and management as they apply to production systems of livestock, poultry and companion animals. Anyone planning to raise animals or work in the animal agriculture industry are highly encouraged to enroll in the course.

AG WORK PROGRAM / OJT
Prerequisite: None
Credit: 2 credits/course
2 course maximum/semester
Grade Level: 11th - 12th Grade
Course Description: Students can earn credit while working in the community! Students enrolled in the Work Program will complete a fall semester OJT course held at the school. The course will prepare students for the workforce by working on skill development such as teamwork, communication, and interviewing. Students enrolled in OJT are eligible to earn credit at their worksite. Each 2 semester credits can be earned by working a minimum of 15 hours/week. Please visit with the Ag Department instructors before enrolling!

## ADVANCED AG SHOP

Prerequisite: Passing grade in at least one Ag Shop class: Welding, Small Engines, Ag Mechanics, Basic Automotive
Care *Instructor approval required.
Credit: 2
Class Size: 20 students
Grade Level: 11th - 12th Grade
Students enrolled in Advanced Ag Placement will have the opportunity to further develop their knowledge in a shop course that they have enrolled in earlier in their high school career. Students will work with the instructor to pick shop projects that will challenge them in areas of welding, mechanics, or other agriculturally related topics of interest. This will be an individually based class in which students plan and complete their own projects. Students may take Advanced Ag Shop multiple times if approved by the Ag Instructors.


# World Languages 

## SPANISH I

Prerequisite:
Credit:
Class Size:
Grade Level:

## Full Year

## NONE

4 credits
25 students
$9^{\text {th }}-12^{\text {th }}$ Grade

Course Description: This course will introduce the student to the Spanish language. Emphasis will be placed on the basic fundamentals of listening, speaking, reading, and writing in Spanish. There will be daily practice in pronunciation of the vocabulary and grammatical concepts. Spanish culture will be presented through readings, discussions, and movies.

## Units covered include:

Unit 1 - México - Family and describing people
Unit 3 - Guatemala - Shopping and clothing
Unit 5 - España - Parts of the body and hygiene
Unit 7 - Argentina - Travel and transportation

Unit 2 - Puerto Rico - House and leisure activities
Unit 4 - Perú - Food
Unit 6 - Estados Unidos - Sports and work
Unit 8 - Chile - Nature and environment

SPANISH II
Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
Spanish I (Must pass with a grade of C-higher) 4 credits 25 students $10^{\text {th }}-12^{\text {th }}$ Grade


Course Description: This course will course will give the student the opportunity to build on their knowledge from Spanish I. There will be daily activities to expand their listening, speaking, reading, and writing skills. Emphasis will be on perfecting pronunciation, advanced grammatical structures, learning additional verb tenses, and improving reading comprehension. Spanish culture will continue to be studied through readings, discussions, and movies.

Units covered include:

Unit 1 - Centroamérica - Family and characteristics
Unit 3 - Andes Centrales - Clothing and shopping
Unit 5 - España - Parts of the body
Unit 7 - Río de la Plata - School and activities

Unit 2 - Las Antillas- House and neighborhood Unit 4 - Norteamérica - Food
Unit 6 - Caribe Continental - Trips and excursions

## SPANISH III

Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
Spanish I and Spanish II
(Must pass both with a grade of C- higher) 4 credits
25 students $11^{\text {th }}-12^{\text {th }}$ Grade

Course Description: This course builds upon knowledge gained in Spanish $1 \& 2$. There will be a continuation and recycling of knowledge acquired in previous Spanish courses, as well as an introduction to new vocabulary, structures, and expressions. The student will use advanced language expressions, grammatical concepts, and verbs in the past tenses, future, conditional, and subjunctive. Spanish culture, literature, art, and music will be studied.

Units covered include:

Unit 1 - Family Relationships and the Past
Unit 3 - Clothing and Traditional Costumes
Unit 5 - Professions and Historical and Figures
Unit 7 - Cultural and Environmental Celebrations

Unit 2 - Future and Traditional Festivities
Unit 4 - Food, Landmarks, and Tourist
Unit 6 - Sports and Pastimes
Unit 8 - History of Hispanic Countries

# MISCELLANEOUS COURSE OFFERINGS 

REACH 7-12
Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year

## None

4 credits
10 students/class offering
$9^{\text {th }}-12^{\text {th }}$ Graders

Course Description: REACH provides a safe place for students to belong, connect, and support each other. It also ensures positive learning opportunities through academic support and individual assignment modification as needed. REACH is a staff support network committed to helping students succeed. In this course, students will be guided to work on Relationships, Education, Accountability, Character, and Hard Work. This program has been set up to enhance the quality of education for students by encouraging positive personal and academic growth through a variety of skill building activities and goal setting. In this class, students will be assessed using, weekly academic assessments, weekly behavior assessments, and Pay-It-Forward Projects.


INDEPENDENT STUDY
Prerequisite:
Credit:
Class Size:
Grade Level:

Semester
Administration and Parent Approval 2 credits 10 students/class offering $11^{\text {th }}$ and $12^{\text {th }}$ Graders

Course Description: Many semester courses are available and purchased from a distance learning provider like the ND Center for Distance Education or Brigham Young University Independent Study. Students work on their assignments in the scheduled IS time during the school day; they may also work on their own. All tests must be proctored by the assigned WCA Independent Study supervisor. Assignments and tests are mailed or sent online to the NDCDE or BYU instructor who is responsible for all grading.

Additional Information: Upon completion of course work student will earn 2 credits, which does affect GPA. The course materials and registration fees are paid by WCA. If not completed by the end of the semester or if the student has earned an F: no credit. Students will work on coursework daily during scheduled IS time. All coursework must be completed in semester timeframe.

EDUCATIONAL ASSISTANT (EA)
Prerequisite:
Credit:
Class Size:
Grade Level:

Administration, Parent, and Teacher Approval 2 credits
None
$12^{\text {th }}$ Graders


Course Description: Seniors who are EAs assist the teacher(s) doing things like copying, running errands, keyboarding, filing, bulletin boards, flashcards or whatever the teacher needs help with. An EA is expected to be trustworthy, ambitious, competent, dependable, productive, punctual, resourceful, neat and accurate, and have good attendance and conduct. Students must do quality work for the teacher and demonstrate the above qualities. Stay in the teacher's room when not in the copy room or doing an errand for the teacher. This opportunity is available pass/fail only.

YEARBOOK
Prerequisite:
Credit:
Class Size:
Grade Level:

## Full Year

Teacher Approval
4 English credits $1^{\text {st }}$ Year/4 elective credits $2^{\text {nd }}$ Year
12
$11^{\text {th }}$ and $12^{\text {th }}$ Graders

Course Description: In this year long course students will plan, develop, and produce WCA's yearbook. Students are responsible for data gathering, photography, page layout and design. Students will organize content to produce a creative and visually appealing yearbook. Course grading is based on participation, teamwork, and the quality of the final project.
Students must contact teacher in advance of registration.

## ON-THE-JOB TRAINING (OJT) Semester

Prerequisite: Teacher Approval
Credit: 2 credits
Class Size:
Grade Level:
20
$11^{\text {th }}$ and $12^{\text {th }}$ Graders
Course Description: On-the-Job Training (OJT), provides an opportunity for students to gain meaningful paid or unpaid supervised work-based learning experiences in a business or industry setting. The OJT program/course supplements classroom instruction in a specific Career and Technical Education program, in order to give students a chance to apply the knowledge and skills acquired in school in a job that correlates to their instructional program. Classroom course work addresses essential employment skills such as writing a resume, applying for a job and customer service. Students can find their own jobs or be placed by the teacher.

| FIRST RESPONDERS CLASS | Anatomy and Physiology is helpful |
| :--- | :--- |
| Prerequisite: <br> but not required |  |
| Credit: | 2 credits |
| Class Size: | 10 students |
| Grade Level: | $10^{\text {th }}-12^{\text {th }}$ Graders |

Course Description: Do you like helping people in need? Planning on entering the medical field after high school? Do you want to learn a skill that could provide you with a job during college? Then the emergency medical class is for you! Learn what it takes to provide prehospital care to patients in need of medical attention. EMR is an introduction into a world of emergency medical services. Students will become certified in CPR as well as state and nationally certified as an EMR. Students will learn about the human body, interaction with patients and how to care for medical and traumatic emergencies.

## CNA TRAINING

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

## None <br> 2 credits AND 3 ACTC College credits 20 <br> $10^{\text {th }}-12^{\text {th }}$ Graders

## EMT CLASS

Prerequisite:

Credit:
Class Size:
Grade Level:

## Full Year

First Responder Trained; Must be 18 to take EMT test at end of class 8 credits

10
$12^{\text {th }}$ Graders

Course Description: Students will enter the world of pre-hospital care in a year-long course to become an emergency medical technician (EMT). Students will learn about the human body and how medical emergencies can affect the human mind and body. Students will be able to practice new skills with hands on activities. Students will become nationally certified as an EMT, as well as AHA certified in CPR.


Course Description: Students will learn how to perform the tasks necessary to care for people who are in long-term care facilities. Students will learn how to care for a patient and the area that the patient lives in. This class is given in cooperation with Alexandria Technical College and will enable the student to begin a career in the healthcare fields.

## College Credit Courses

## COLLEGE ALGEBRA

Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
Pass Accuplacer Exam
4 math credits AND 4 MSCTC college credits
30 students
$10^{\text {th }}-12^{\text {th }}$ Graders

Course Description: This course investigates the fundamental concepts of algebra, including functional analysis and their applications at a college level. It covers polynomial, rational, radical, exponential, and logarithmic functions utilizing equations, inequalities, complex numbers, and systems of equations. This course is offered as an off-campus opportunity through Minnesota State Community and Technical College.

## PRECALCULUS

Prerequisite:

Credit:
Class Size: Grade Level:

Full Year
College Algebra or Pass
Accuplacer Exam
5 math credits AND 5 MSCTC
college credits
30 students
$10^{\text {th }}-12^{\text {th }}$ Graders

Course Description: This course investigates functional analysis of single variable functions and their applications at a college level. It covers polynomial, rational, radical, exponential, logarithmic, and trigonometric functions. This course is offered as an off-campus opportunity through Minnesota State Community and Technical College.

## CALCULUS I

Prerequisite:
Credit:
Class Size:
Grade Level:

Full Year
Precalculus or Pass
Accuplacer Exam
5 math credits AND 5 MSCTC college credits
30 students
$11^{\text {th }}$ and $12^{\text {th }}$ Graders

## CALCULUS II <br> Prerequisite:

Credit:
Class Size: Grade Level:

Full Year
Precalculus or Pass Accuplacer Exam
5 math credits AND 5 MSCTC college credits
30 students
$11^{\text {th }}$ and $12^{\text {th }}$ Graders

Course Description: This course investigates calculus of single variable functions and their applications. It covers improper integrals, integration techniques, polar coordinates, and infinite series utilizing algebraic, exponential, logarithmic, trigonometric, and hyperbolic functions. This course is offered as an off-campus opportunity through Minnesota State Community and Technical College.
Course Description: This course investigates the fundamental concepts of calculus, including differential and integral calculus. It covers limits, continuity, derivatives, definite and indefinite integrals utilizing algebraic, exponential, logarithmic, and trigonometric functions. This course is offered as an off-campus opportunity through Minnesota State Community and Technical College.


## CNA TRAINING

Prerequisite:
Credit:
Class Size:
Grade Level:

## Semester

None
2 credits AND 3 ACTC College credits
20
$10^{\text {th }}-12^{\text {th }}$ Graders

Course Description: Students will learn how to perform the tasks necessary to care for people who are in long-term care facilities. Students will learn how to care for a patient and the area that the patient lives in. This class is given in cooperation with Alexandria Technical College and will enable the student to begin a career in the healthcare fields.

COLLEGE PHYSICS<br>Full Year<br>Prerequisite: Precalculus AND Pass Accuplacer Exam Credit: 4 Science credits AND 4 MSCTC college credits Class Size: 30 students<br>Grade Level: $\quad 1^{\text {th }}$ and $12^{\text {th }}$ Graders

Course Description: This course investigates the fundamental concepts of physics, including Newtonian and Hamiltonian mechanics. It covers statics and dynamics in linear and rotational motion, as well as fluids, waves, and sound utilizing theoretical and experimental methods. Students will also study thermodynamics, electromagnetism, and modern physics. It covers fluids, solids, electricity, magnetism, circuits, optics, and atomic physics utilizing theoretical and experimental methods. This course is offered as an off-campus opportunity through Minnesota State Community and Technical College.

## POETICS OF ROCK

Prerequisite:

Credit:
MSCTC college credits Class Size: Grade Level:

Semester
Pass Accuplacer Test AND admitted to MSCTC
2 English credits OR 2
25
$11^{\text {th }}$ and $12^{\text {th }}$ Graders

Course Description: This course focuses on the study of poetry and poetic techniques through the lyrics of modern music, with an emphasis on Minnesota songwriters and performers. Students will need to possess and develop skills in literary interpretation and be able to produce written and verbal responses to pieces addressed in class. A final project will constitute $10 \%$ of the Semester Grade.

## COLLEGE WRITING

Prerequisite:
Credit:
college credits
Class Size:
Grade Level:

Semester
Passing Score on Accuplacer Test
2 English credits AND 3 MSCTC

## 25

$11^{\text {th }}$ and $12^{\text {th }}$ Graders

Course Description: College Writing 1101 is an introductory course designed to prepare students for later college writing. The course focuses on developing fluency by reading good writing and then using the process approach with particular emphasis on revision. Students will learn to consider purpose and audience, read and discuss writing, and further develop their own writing processes through successive revisions to produce highly polished drafts. Requirements: An entering student should be able to read and comprehend introductory college level texts and/or essays and compose sentences and paragraphs that represent coherent thinking using "standard" English. Students will complete multiple drafts of multiple essays, an MLA-style research paper and an APA-style revision of it.

ONLINE COLLEGE IN H.S. Semester
Prerequisite: G.P.A. AND Pass Accuplacer Exam; Parent/Guardian AND
Administrative Approval
Credit:
Class Size:
Grade Level:
3-4 College AND High School credits N/A
$11^{\text {th }}$ and $12^{\text {th }}$ Graders
Course Description: This program offers courses from the Minnesota State Colleges and University institutions to high school students in a distance learning format. A variety of courses are offered each semester and all grading is done by the college instructor.

Additional Information: Must meet GPA (2.8 seniors, 3.2 juniors) and placement testing requirements set by the colleges.

## INTRODUCTION TO LITERATURE Semester

| Prerequisite: | Qualify as a College NOW student |
| :--- | :--- |
| Credit: | 2 English credits OR 2 SMUM college credits* |
| Class Size: | 25 |
| Grade Level: | $11^{\text {th }}$ and $12^{\text {th }}$ Graders |

Course Description: Introduction to Literature will focus on literary analysis of a variety of texts, focusing on writers with Minnesota roots. Students wishing to take this class for college credit will need to qualify as College Now students, according to SMSU policy ( 3.0 or better GPA \& top half of class). Because of the rigorous schedule, it is highly recommended that students read the required texts during the summer. A complete list of works is available from the instructor, with all of them available through the Viking Library System or from the instructor.
*Note: Introduction to Literature. has not yet been approved as a college-credit concurrent course through Southwest MN State University. Students enrolled in the class will be notified when the class is approved or if approval is denied. This class may also be taken for high school credit.


[^0]:    "Injustice anywhere is a threat to justice everywhere."

