

Welcome to Edgerton Public School

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INTRODUCTION

This handbook has been prepared to assist you in choosing classes for the upcoming school year. Please read it carefully and make decisions which will best fit you and your future. It is advised that you choose electives that are of interest to you and will fit into your long range plans.

While this handbook contains a great deal of information, it is not meant to be the sole resource used to make your high school plans. You should also discuss your class selections with your parents/guardians, school counselors and teachers.

Be sure to choose classes that will allow you to work to your full intellectual capacity and help you to obtain the knowledge and skills needed to create your future and control your destiny.

ACADEMIC AND GRADUATION REQUIREMENTS

The Edgerton Public School feels it is important that students take full advantage of the educational opportunities offered to them. To help insure the maximum opportunity, each student is required to enroll in a minimum of 6 classes each grading period.

- ❖ One credit equals successful completion of a class that meets every day school is in session for the entire year.
- ❖ A ½ credit equals successful completion of a class that meets every day for one semester or every other day for the entire year.
- ❖ Seniors must have accumulated 22 academic credits from grades 9-12, by the end of the fourth quarter, senior year
- ❖ Seniors must have passed all district required courses 9-12th grades
- ❖ Seniors must make up any time from outstanding focus hour responsibilities.

Exceptions to the above academic requirements include:

1. A modification necessary to meet the requirement of an Individual Education Plan (IEP).
2. A change necessary to accommodate the current academic level of the student.

Edgerton Public School Graduation Requirements

The Edgerton School District requires all students (not including foreign exchange students) who walk through graduation exercises to have:

1. Met the testing and attendance requirements of the State of Minnesota and District 581;
2. Earned a minimum of twenty-two credits toward graduation;
3. Passed all district required courses 9th-12th grade;
4. Accumulated twelve junior high credits including all required core junior high courses;
5. Made up time from outstanding focus hour responsibilities.

Each Student Must Have:

Language Arts:

- 4 credits

Math:

- 3 years
- Algebra, Geometry, Stats/Probability (Covered in Algebra II and Geometry)
- Students must complete Algebra I or its equivalent by the **end of their 8th grade year.**

Arts:

- 1 credit
- Any of the following: Band, Choir, Visual Arts

Science:

- 3 credits
- One must be a Biology Class
- Students must earn a credit in Biology and a credit in Chemistry as part of their 3 credit requirement

Social Studies:

- 4 credits
- US History, World History/Geography, Government

Economics:

- ½ credit – Junior year

Computer Science:

- ½ credit

Electives:

- 6 credits

COLLEGE PREPARATION COURSES

ADMISSION REQUIREMENTS TO MINNESOTA POST-SECONDARY INSTITUTIONS

Minnesota State Two-Year Colleges: Open admission - diploma or GED required.

Minnesota State Universities: A. Top 50% of the class or 21 and above on ACT test.
B. Complete the college preparation standards listed below.

University of Minnesota: Each college and program has a different admission formula.
Students must complete the college preparation standards listed below.

Minnesota Private Colleges: Varies with each school. ACT requirements range from 19-25.
Class ranks vary from top 20% to top 60%.

Minnesota State University System

English:	4 years; Composition, Literature, Speech
Mathematics:	3 years; 2 years of Algebra and 1 year of Geometry
Science:	3 years; 3 Lab Sciences
Social Studies:	3 years
World language:	2 years; (same language)
Fine Arts or World Cultures:	1 year

Minnesota Technical & Community College System

The following high school classes are **STRONGLY RECOMMENDED**:

English:	4 years including Oral and Written Communication
Mathematics:	3 years; Algebra, Applied Mathematics and/or Geometry
Science:	3 years; Applied Biology, Principles of Technology, Chemistry, Applied Chemistry, Physics
Social Studies:	4 years
Electives:	Specific to your career plans
World Language:	Is <u>not</u> a community college requirement

For requirements for admission to out-of-state public and private institutions, technical and community colleges, and/or military, please contact your school counselor.

***Reciprocity States:** MN graduates may attend public colleges in South Dakota, North Dakota and Wisconsin without paying out of state tuition rates. See admission requirements for each state listed below.

ADMISSION REQUIREMENTS

South Dakota

English - 4years
Math - 3 years
Science - 3 years
Social Studies - 3 years
Fine Arts - 1 credit

North Dakota

English - 4years
Math - 3 years
Science - 3 years
Social Studies - 3 years
(requires ACT at all 4 & 2 year institutions)

Wisconsin

English - 4 years
Math - 3 years
Science - 3 years
Social Studies - 3 years
Foreign Language – 2 years (only at University of Wisconsin – Madison & Eau Claire)

Minimum GPA and ACT scores are different in each state. Check with the schools you are interested in. All 4-year institutions require ACT tests.

COURSE OFFERINGS AT EDGERTON PUBLIC SCHOOL

(As of May, 2018, subject to change without notice to the parents or students)

AGRICULTURE TECHNOLOGY EDUCATION

Ag Construction Woodworking

For 12th grade

This course is designed to provide the student with the basic knowledge of all aspects of light wood frame construction including: framing, sheathing roofing, windows and doors, exterior finish, interior wall finish, floor and ceiling finish. Also included will be a study of material and tools used in construction. A storage shed will be constructed as the main project. If there is not a request for a storage shed, an alternative project will be designed for the students. Each student is required to have a tape measure and safety glasses. Safety glasses may be purchased through the school.

Ag Business, Sales and Service

For 12 grade

It would be desired but not necessary to have taken Agriculture classes prior to taking this class. This course will emphasize the basic role that agri-business plays on the local, state, national and global economy. Some of the topics will include business accounting using a sample agri-business operation, analyzing cash flows, financial statements, market analysis, commodity future trading, family living and budgeting. The study of insurance will also be included: workman's comp, liability, property, life, and health. Use of guest speakers, field trips, and FFA career development events will be used as classroom/lab enrichments.

Exploring Agriculture I

For 9-12 grade

Exploring Agriculture I is open to all students, living in town or rural areas with an interest in the vast field agriculture/agri-business. Considerable time will be studying careers in agriculture. You will be introduced to the FFA Parliamentary procedures, record keeping, and livestock production and management (including swine, dairy, beef, sheep, and poultry). Several weeks on natural resource unit. Approximately 1/2 of the semester will be spent in the shop learning oxyacetylene, arc welding, brazing, soldering, plumbing and carpentry.

Exploring Agriculture II

For 9-12 grade

It is desirable but not necessary to have taken Agriculture I prior to this class. We will concentrate on agri-business and marketing. Some topics to be covered include: record keeping systems, financial analysis, cash flows, marketing and buying and selling markets in the futures trades. 1/2 of the of the semester will be spent in the shop on numerous cold and hot metal projects, and construct particle welding projects. Other units through the year will include parliamentary procedures, natural sciences----soils and conservation, animal nutrition, agriculture processing and meat sciences.

Farm Wiring and Home Repair

For Grades 9-12

This course is designed to provide the student with basic knowledge and experience in performing basic home repair and maintenance task. This class will cover such topics as fasteners, building materials, wall coverings, roof and gutters, doors and windows, cabinets, concrete, wood finishes, and electrical. This class will be a combination of textbook learning and lab exercises. Each student is required to have a tape measure and safety glasses. Safety glasses may be purchased through the school.

Large Animal Science

For 12th grade

This course will investigate scientific concepts relating to the biology of domestic animals (horse's, cattle, sheep, poultry and swine). Specific topics will include taxonomy and classification, cell structure and function, biological systems, anatomy and physiology, nutrition, genetics, reproduction, distribution and adaptation, selection and evaluation. Laboratory activities will provide opportunities for problem solving through piratical application to learn scientific concepts. Application to current issues will be explored. Leadership and Career Development opportunities for students through the FFA (an intra-curricular student group) will be presented. This class is great for any student that owns a pet or is interested in a career with companion animals.

Leadership

For Grades 9-12

It would be desirable but not necessary to have taken Agriculture I or II prior to this class. This course is designed for students who have an interest in developing their leadership skills. This class will be taught with a "hands on" emphasis. Topics that will be covered will include: Parliamentary procedures, public speaking, job interviewing, and the option to complete FFA awards, such as proficiencies, state degrees and scholarships, Careers and skills will also be studied.

Small Engines

For 11-12 grade

This class is designed for those who have little knowledge of how engines work. We will study the principles of 2 and 4 stroke gasoline engines through classroom and shop work. Engines will be provided for lab work. However, during the second half of the semester you will be able to work on your own personal engines once labs have been completed and it has been approved by the instructor.

Supervised Agriculture Experience.

For 9-12th grade

This course is available to all incoming ninth through twelfth grade students. The course is recommended for anyone interested in an Ag career, finding out about Ag occupations or that may be interested in participating in the FFA. This course allows students to design an individual educational plan and pursue in-depth agriculture topics of the student's choice. Laboratory instruction will include but not limited to: Tours of Agriculture businesses, community and school service projects, S.A.E. project records, judging contests and exhibit projects. Skills and experiences learned could help in future high school courses or education aspirations.

Welding and Fabrication

For 12 grade

This class will be divided into 2 areas. First, through the use of lecture and laboratory exercises students will be introduced to the fundamentals of arc and oxyacetylene welding. Second, students through independent and structured study will be expected to construct projects that demonstrate the student's knowledge and skills learned throughout the class. This class will be 50% lecture and 50% shop. Students should expect lab fees for their projects. This course is intended for the student that would like to learn more about the welding process and improve their mechanical skills. This class would be a good experience for students planning to continue their education at a technical or Community College

ART COURSES

10202 MEDIA ART-PHOTOGRAPHY/YEAR BOOK

For 12th graders

Courses apply art elements and principles of visual design to the process of creation of photography. Students apply photographic media, techniques and processes, including technology to manipulate images. These courses may also examine major photographers, art movements and styles.

05158 SCULPTURE

For 12th graders

Courses apply art elements and principles of design to the process of creating three-dimensional works often through subtractive, additive and /or assemblage techniques. Courses typically include a variety of media such as clay, ceramics, wood, metals and textiles, but some courses focus on only one or two media.

05156 DRAWING

For 11th and 12th graders

Courses apply art elements and principles of design to the process of creating drawings. Courses typically include a variety of media such as pen-and-ink, pencil and chalk.

05157 PAINTING

For 11th and 12th graders

Courses apply art elements and principles of design to the process of creating paintings. Courses typically include a variety of media such as watercolor, tempera, oils and acrylics.

05170 ART PORTFOLIO

For 12th graders – 2nd Semester Only

Courses support students in creating a body of work that demonstrates their technical skills, conceptual thinking and personal interests. Students tend to work independently with teachers acting as mentors. Peer group critiques often support students in achieving their artistic goals. **Students must have at least 1 prior art class.**

05155 DRAWING/PAINTING

For 9th and 10th graders

Courses apply art elements and principles of design to the process of creating drawings and paintings. Courses typically include a variety of media such as pen-and-ink, pencil, chalk, watercolor, tempera, oils and acrylics.

05151 ART APPRECIATION

For 9th and 10th graders

Course introduces students to one or more forms of visual art and helps them form a historical, cultural and/or political context by which they can critique the art of various individuals and/or movements. The course typically explores the place and significance of

visual art in society.

05167 DIGITAL PHOTOGRAPHY AND VIDEO

An elective for 12th graders

This course provides a focus on the basic camera components, settings and functions, as well as the methods of enhancing and manipulating the captured images and video using digital editing software. The assignments will explore many types of photographic art while concentrating on design principles. Students will be exposed to the aesthetic aspects of taking quality photographs and videos.

BUSINESS AND COMPUTER TECHNOLOGY COURSES

12104 ACCOUNTING I

An elective for 12th graders

This accounting class is designed for students to use in their personal lives as well as those who might be interested in pursuing a career in business. Some of the topics that are covered are transaction analysis, journalizing, debits and credits, accounts receivable. The students will also spend approximately 4 weeks on Federal and State income tax policies and procedures. They will be working on personal finances and use computer software to supplement manual accounting procedures.

10001 INTRODUCTION TO COMPUTERS

For 9th and 10th graders

Courses introduce computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, and computer applications. The course will explore legal and ethical issues associated with computer use, as well as how computers influence modern society. Students will also be required to perform some computer operations. Careers related to computer hardware and software are investigated.

10004 COMPUTER APPLICATIONS

For 10-12th graders

Courses support students in acquiring knowledge of and experience in the proper and efficient use of previously written software packages. These courses explore a wide range of applications, including, but not limited to, word-processing, spreadsheet, graphics, and database programs, and will cover the use of electronic and desktop publishing.

11155 COMPUTER GRAPHICS

For 12th graders - 1st semester only

This course provides the opportunity to explore the capability of the computer to produce visual imagery and apply graphic techniques to various fields, such as advertising, TV/video and architecture. This course will include modeling, simulation, animation, and image retouching. **This class will be awarded a ½ a credit in fine art category.**

12108 PERSONAL FINANCE MANAGEMENT

For 9th and 10th graders – 2nd Semester only

Courses examine personal/family resource management. Topics may include, but are not limited to, earning a living, budgeting, saving and investing, buying goods and services, using credit and protecting against risk. They may include financial problem solving and decision-making.

COMMUNICATION AND ENGLISH COURSES

010001 ENGLISH/LANGUAGE ARTS I

English 9

Courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language-reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

01002 ENGLISH/LANGUAGE ARTS II

English 10

Courses usually offer a balanced focus on composition and literature. Typically, students write persuasive, critical, and creative multi-paragraph compositions. Students study various literary genres to improve reading rate and comprehension level, develop skills to determine an author's intent and theme and recognize the techniques used by an author to deliver his or her message.

01003 ENGLISH/LANGUAGE ARTS III

English 11

Courses continue to develop students' writing skills by emphasizing clear, logical writing patterns, word choice and usage in essays and research papers. Students continue to read works of literature, which are often the basis for the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

01004 ENGLISH/LANGUAGE ARTS IV

English 12

Courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature while continuing to develop their language art skills. Typically, students write multi-paragraph essays, but they may also write one or more major research papers.

MATHEMATICS COURSES

02072 GEOMETRY

Prerequisite: Algebra 1

For 9th graders

Courses emphasize an abstract, formal approach to the study of geometry and typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

02055 TRANSITION ALGEBRA

Prerequisite: Algebra 1 & Geometry

For 10th graders

Courses review and extend algebra and geometry concepts for students who have already taken Algebra 1 and Geometry. These courses include a review of such topics as properties and operations of real numbers; evaluation of rational algebraic expressions; solutions and graphs of first degree equations and inequalities; translation of word problems into equations; operations with and factoring of polynomials; simple quadratics; properties of plane and solid figures; rules of congruence and similarity; coordinate geometry including lines, segments, and circles in the coordinate plane; and angle measurement in triangles, including trigonometric ratios.

02071 APPLIED GEOMETRY

Administration Consent required

For 10th graders

Same as Geometry but is only for special education students.

02056 ALGEBRA 2

Prerequisite: Transition Algebra

For 11th graders

Course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

02053 APPLIED ALGEBRA

Administration Consent required

For 11th graders

Same as Algebra 2 but is only for special education students.

MUSIC COURSES

** Senior High students (9-12th grade) earn ½ credit per year towards graduation.

05101 SENIOR HIGH BAND

Elective**

The course develops students' technique for playing brass, woodwind, and percussion instruments and covers a variety of band literature styles, primarily for concert performance. Senior high band is offered every day during the music hour. Band students will participate in three concerts during the year in addition to pep band at athletic events and the Dutch Festival parade. Students will be expected to participate in large group contest. Band is one course that would fulfill the graduation fine arts requirement.

05110 SENIOR HIGH CHOIR

Elective**

The course develops students' vocal skills and techniques to sing a variety of choral literature styles in the context of larger choral groups for men's and women's voices and may include instrumental accompaniment. Choir meets every day during the music hours and vocal lessons will be available at other scheduled times. Students will be expected to participate in large group contest and in concerts that will be presented three times a year. Choir is one course that would fulfill the graduation fine arts requirement.

PHYSICAL EDUCATION and HEALTH

08016 LIFETIME FITNESS EDUCATION I

Required for 9th graders

This course emphasizes knowledge and skills needed for a lifetime of physical activity. Content will include related topics such as nutrition, stress management, and consumer issues. Students will develop and implement personal fitness plans. Students will also learn the prevention and treatment of athletic injuries. **The focus of this course is physical fitness. Students will take this parallel with P.E. 9 and P.E. 10**

08016 LIFETIME FITNESS EDUCATION II

Required for 10th graders

This course emphasizes knowledge and skills needed for a lifetime of physical activity. Content will include related topics such as nutrition, stress management, and consumer issues. Students will develop and implement personal fitness plans. Students will also learn the prevention and treatment of athletic injuries. **The focus of this course is physical fitness. Students will take this parallel with P.E. 9 and P.E. 10**

SCIENCES

03051 BIOLOGY

Required for 10th graders

Courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include, but are not limited to, topics such as cell structure, function and cell processes, genetics, taxonomy and animal physiology, ecological concepts.

03054 HUMAN ANATOMY GENETICS

An elective

Courses examine the human body and biological system. Students study such topics as anatomical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.

03162 FORENSIC –PHYSICS EMPHASIS

One Semester

An elective for 12th graders

Courses provide an understanding of the scientific principles involved in criminal investigations, including the forensic techniques and processes necessary to collect, identify and analyze physical evidence. Topics of study typically include, but are not limited to, blood spatter, trauma direction, ballistics and tool marking as well as crime scene documentation.

03101 CHEMISTRY

11th or 12th graders

Courses involve the composition, properties and reactions of substances. They typically explore the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction; and atomic structure. Chemical formulas, equations and nuclear reactions are also studied. This course will prepare students for college chemistry. It is recommended that you have received an A or B in both biology and algebra to register for this course.

03105 CONCEPTUAL CHEMISTRY

11th or 12th graders

This course is designed for students who desire a basic understanding of chemical concepts. Courses involve the composition, properties and reactions of substances, chemical formulas and equations. They typically explore the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction; and atomic structure. An effort will be made to connect what is learned to real-life situations. Conceptual chemistry students study many of the same topics as chemistry but there is a reduction in the complexity of the mathematics involved.

03151 PHYSICS

An Elective for 11th or 12th graders

Courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

03003 ENVIRONMENTAL SCIENCE

One Semester

An Elective for 12th graders

Courses examine the mutual relationships among organisms and their environments. They examine the interrelationships among plants, animals, and humans and may include one or more of the following subjects: ecosystems, population and growth studies, ecological concepts, pollution, photosynthesis, recycling and regeneration, and conservation of natural resources.

03060 Micro Biology

One semester

An Elective for 11th and 12th Grade

Course provides students with a general understanding of microbes, prokaryotic, and eukaryotic cells, and the three domain systems. Additional topics covered may include bacterial control, cell structure, fungi, protozoa, viruses and immunity, microbial genetics, and metabolism. Students must have passed Biology with a minimum B- or instructor approval.

14154 Medical Terminology

One semester

An Elective for 11th and 12th Grade

Course supports students in identifying medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations as well as developing both oral and written skills to communicate within the health care profession.

03201 INTEGRATED SCIENCE/SCIENCE 9

Required for 9th graders

This course content varies but draws upon the principles of several scientific specialties-earth sciences, physical science, chemistry, and physics-and organize the material into multiple thematic units. Units may be developed around themes such as systems, models, energy, patterns, or change and constancy. This courses use appropriate aspects from each science specialty to investigate applications of the theme.

SOCIAL STUDIES

04064 Current Issues

For grades 9-12

This elective course is designed to help students become aware of and understand the events that shape our world, nation, state, and local area. This will be done through reading of news magazine, video, lecture, discussion, research, and personal experience.

04052 WORLD HISTORY AND GEOGRAPHYFor 11th graders

Courses provide students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. This course will include an overview of world geography. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

04101 UNITED STATES HISTORYFor 10th graders

Students will continue their study of American history, culture, politics, economics, and thought changes. Major events in the nation's history such as the Civil War and Reconstruction, Immigration and the New Deal are looked at through documentary sources and conflicting historical perspectives. Events such as the World Wars, the origins of the Cold War and Cold War conflicts will be looked upon. The course examines the experiences of Americans and various races and ethnicities, focusing in some detail on the Native Americans and African Americans from slavery through the civil rights movement, and the immigrant experience. The challenging role of women in the American society is explored throughout the course. The emergence of the national government's changing role in people's lives will also be examined. Students will be able to illustrate the influence of diverse beliefs on a theme or event that was significant to the development of the United States. Students will be able to think for themselves regarding important historical topics and be able to demonstrate that through testing and writing.

04201 ECONOMICSFor 11th graders

Students will examine various types of economic systems and decisions, economic indicators and cycles are explained. Personal economic decision-making concepts like credit and interest rates are explained. Financial and government institutions workings are detailed. The decision making style as well as the decisions of presidents and other world leaders along with the different styles of government will be studied. Students will gain an understanding of broad economic themes as well as many key concepts in macro and micro economics. Students will demonstrate this knowledge through a variety of tasks and projects.

04161 CIVICSFor 9th graders

The Declaration of Independence, the Constitution and the Bill of Rights as well as the inter-relationship of government, society, and the economy are introduced. Branches of federal, state and local government, political parties, interest groups, as well as contemporary issues are all detailed in this course. The rights, responsibilities and the duties of citizens to the democratic process, along with career opportunities in government services are featured.

04254 PSYCHOLOGY

Second Semester

For 12th graders

The students will study human behavior and mental processes including how humans observe, describe, explain and predict human behavior. Human development and its effect on learning, thinking, personality and social relationships are examined. The course will also examine sub areas of psychology such as neurology, the environment, situation and experience, abnormal behavior and the self. Attention will be given to key historical developments in psychology and the people whose innovations changed thought processes in psychology.

04258 SOCIOLOGY

First Semester

For 12th graders

This class will be based around a study of society with analysis of group life and other forces shaping behavior. A study of today's problems in American society, their significance and current policies and ethical issues will be taught. Updating and discussing current affairs will also be part of the class.

FOREIGN LANGUAGE

06101 SPANISH I

For 9th, 10th, 11th and 12th Graders

In this course student will learn the Spanish language and join 500 million people who speak the language around the world. They will learn that Spanish is the third most spoken language, after Chinese and English in our world and that Spanish is spoken in 21 countries.

06102 Spanish II

For 11th and 12th Grade

Course extend students' ability to understand and express themselves in Spanish and increase their vocabulary. Students engage in discourse for informative or social purposes, write texts that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students will explore customs, history, and art forms to deepen understanding of Spanish-speaking cultures.

06103 Spanish III

For 12th Grade

Course focus on students expressing increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and understanding when listening to the language spoken at normal rates, paraphrasing or summarizing written passages, and conversing easily within limited situations.

OTHER OPPORTUNITIES

College in the School

Students enrolled in these classes must be in the top half of the senior class or top 1/3 of their junior class.

*** Classes are for seniors only**

* COLLEGE ALGEBRA Math 110

First Semester Only

This is a college level class and students will earn 3 college credits through Southwest Minnesota State University. Topics include: equations and inequalities, functions, graphs, polynomials, systems of equations, matrices, and determinants. The required preparation is successful completion of Algebra II.

*TRIGONOMETRY AND SPECIAL FUNCTIONS Math 125

Second Semester Only

This is a college level class and students will earn 3 college credits through Southwest Minnesota State University. Topics include: Trigonometry, both circular and right triangle, trigonometric equations, logarithms, exponential functions, and complex numbers. The required preparation is Math 110 and/or successful completion of Algebra II with a C average.

*COMPUTER SCIENCE 105

Second Semester Only

This is a college level class and students will earn 3 college credits through Southwest Minnesota State University. This course will be an overview of mainframe and personal computers. Topics include: application software, the Internet, hardware components and peripheral devices, and data processing

AMERICAN HISTORY to 1877

First Semester Only

This course will earn students three credits from Minnesota West College. The course is a study of American history from 1607 to 1877 including the settlement of England's North American colonies, the coming of the American Revolution, the formation of and early development of the new nation, the coming of the Civil War, and an overview of the Civil War. Students will understand the major forces, developments, conflicts, and people that shaped the United States during the first 270 years of our nation's history and enhance student awareness that the study of history helps them better understand the world in which they live. The course will also emphasize student reading, writing, discussion, critical thinking, problem solving, and active learning. By the end of this course

students will be able to differentiate between fact and opinion and inferences, to compare and contrast opposing viewpoints and find merit in both, and to organize thoughts clearly in written form.

AMERICAN HISTORY 1877 to Present

Second Semester Only

This course will earn three credits from Minnesota West College. The course will provide students an opportunity to examine American history from the end of the Civil War to the present. This will allow the student to explore various topics, to include gender, race, and class, from a wide array of sources. Significant components of this course will be devoted to analysis of the formation of the American empire, the organization of capital and labor, the Progressive Era, WWI, the New Deal, World War II, the Cold War, and contemporary issues. The course will emphasize student reading, writing, discussion, critical thinking, problem solving, and active learning. By the end of this course students will be able to differentiate between fact and opinion and inferences, to compare and contrast opposing viewpoints and find merit in both, and to organize thoughts clearly in written form.

WESTERN CIVILIZATION I – to 1500

Not Offered 2014-15

This course will earn three credits from Minnesota West College. This course will provide students a survey of the rise and development of western institutions, ideas, and culture, from Greece and Rome, to the development of European nations and their subsequent expansion. The course will emphasize student reading, writing, discussion, critical thinking, problem solving, and active learning. By the end of this course students will be able to differentiate between fact and opinion and inferences, to compare and contrast opposing viewpoints and find merit in both, and to organize thoughts clearly in written form.

WESTERN CIVILIZATION II – from 1500 to Present

Not Offered 2014-15

This course will earn three credits from Minnesota West College. The course will introduce students to the most important events, individuals, and ideas in the history of Western Civilization since the Renaissance—a period usually referred to as the “modern age.” Over the semester we will explore the development of what is often called “modernity”. We will look at the evolution of western civilization in the past 500 years. We will specifically look at Renaissance, enlightenment, science, industrialization, revolution, capitalism, modernism, fascism, communism, and world war. The course will emphasize student reading, writing, discussion, critical thinking, problem solving, and active learning. By the end of this course students will be able to differentiate between fact and opinion and inferences, to compare and contrast opposing viewpoints and find merit in both, and to organize thoughts clearly in written form.

COLLEGE COMPOSITION I

First Semester Only

Courses follow the College Board’s suggested curriculum designed to parallel college-level English courses and expose students to prose written in a variety of periods, disciplines and rhetorical contexts. They emphasize the interaction of the author’s purpose, intended audience and content. Students write on a variety of subjects for various purposes.

COLLEGE SPEECH

Second Semester Only

Speech Communications introduces students to the principles of and practical skills for public speaking and listening, with an emphasis on understanding and putting into practice all major aspects of public speaking preparation, presentation, and constructive critique. The course will require students to organize, prepare, and deliver a variety of speeches as well as observe and critique the work of their peers.

COLLEGE PSYCHOLOGY

Second Semester

For 12th graders

The students will study human behavior and mental processes including how humans observe, describe, explain and predict human behavior. Human development and its effect on learning, thinking, personality and social relationships are examined. The course will also examine sub areas of psychology such as neurology, the environment, situation and experience, abnormal behavior and the self. Attention will be given to key historical developments in psychology and the people whose innovations changed thought processes in psychology.

COLLEGE VISUAL ARTS Art 100

First Semester Only

This college level course is designed to introduce high school students to the attitudes and philosophies that relate to creative production in the visual arts and to help develop a positive attitude to the arts through the study of theory, styles of art history, structure and periods of art, combined with an active art gallery program and a variety of studio projects. This class is offered pending college approval.