

Sophomores Class Offering 2022-2023

ENGLISH

COURSE TITLE: **ENGLISH 10**
COURSE DATA: YEAR REQUIRED: 2 Semester Credit

COURSE DESCRIPTION: This class will study the foundations of American literature and will cover works ranging from the Colonial and Revolutionary Periods to the American Renaissance to contemporary works. Students will gain an overview of American literature and culture during this year-long study.

COURSE TITLE: **MYTHOLOGY-IN FUTURE YEARS**
COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: Mythology focuses on cultural stories from around the world. Students will trace different myths and how they interconnect with and give rise to later beliefs. From ancient egg myths to classical pantheons and the Tree of Life, students will study cultures for project-based assessment.

COURSE TITLE: **NOVELS**
COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: Students will read novels both as a class and individually. We will explore genres and historical periods and form a better understanding of various elements such as theme, character development, and plot development.

SOCIAL

COURSE TITLE: **AMERICAN HISTORY**
COURSE DATA: Y REQUIRED: 2 Semester Credit
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COURSE TITLE: PSYCHOLOGY

COURSE DATA: Semester **ELECTIVE:** 1 Semester Credit

DESCRIPTION:

Students will be introduced to the history and methods of psychology and used by psychologists. Subjects covered will include the biological basis of behavior through the brain and nervous system. Developmental psychology will be discussed through life, from birth, through adolescence, adulthood and old age. Perception, classical and operant behaviors, conditioning, and a person's memory will be covered. Social psychology (group behavior) and abnormal behavior will also be covered

COURSE TITLE: HISTORY THROUGH FILM

COURSE DATA: Semester **ELECTIVE:** 1 Semester Credit

COURSE DESCRIPTION:

Students will learn about certain historical events throughout time. Students will then learn to analyze films and decide if they are historically accurate or not. Students will write essays on each film to explain the main idea of each film, what the theme is, and how it correlates with actual events in history.

MATH

COURSE TITLE: **ADVANCED ALGEBRA**
COURSE DATA: Year REQUIRED: 2 Semester Credit
Prerequisite - Geometry

COURSE DESCRIPTION: Includes a review of algebra with an emphasis on more complex problems and topics. Many of the skills learned will be useful in higher math and science courses.

COURSE TITLE: **GEOMETRY**
COURSE DATA: Year REQUIRED: 2 Semester Credit

COURSE DESCRIPTION: This is a course in which students will become knowledgeable about geometric shapes and their properties and will be able to apply this knowledge to solve problems.

SCIENCE

COURSE TITLE: **BIOLOGY**
COURSE DATA: Year REQUIRED: 2 Semester Credit

COURSE DESCRIPTION: The focus in biology is on understanding concepts, theories, and principles that relate to living things. This will be done through investigation and analysis of cells, organisms and ecosystems.

ELECTIVE COURSES

AGRICULTURE

COURSE TITLE: **HOME REPAIR**
COURSE DATA: Either Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This is a hands-on course dealing with common carpentry/building maintenance. These topics include carpentry, residential electricity, plumbing, sheet rocking, concrete, surveying and grounds (yard) maintenance.

COURSE TITLE: **AUTOMOTIVE MAINTENANCE**
COURSE DATA: Spring Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This is an introductory course into the world of auto mechanics. This course is intended to introduce the students to the basic parts of the automobile, what they do and how to maintain it. Topics covered include:

Automotive engines
Brakes
Cooling systems
Ignition and fuel systems
Electrical systems
Suspension systems
Drive train components
Tune ups and vehicle maintenance
Basic auto body repair and painting

COURSE TITLE: **COMPUTER AIDED DRAFTING (CAD)**
COURSE DATA: Typically spring Semester, but could also be fall ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This class will teach you through hands on use the basics of CAD, which is using a specific computer program to create 3 dimensional drawings of objects for manufacturing purposes. This program will help you learn how to do sketches, design and dimension mechanical parts, and then finally putting different parts together to create assemblies. The program we will be using is called ProEngineer, which is the same program used in many manufacturing facilities, including several located here in Renville County.

COURSE TITLE: **ANIMAL SCIENCE**
COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This concurrent college Animal Science course provides an overview of the livestock industry with emphasis on the production and management of meat and dairy producing animals. Other topics covered include

reproduction, nutrition, and market classification and grading of livestock.

COURSE TITLE: **AGRONOMY**
COURSE DATA: Spring Semester ELECTIVE: 1 Semester College Credit

COURSE DESCRIPTION: This concurrent 3-credit college Agronomy course is an introduction to basic agronomy and covers the plant growth and development of monocot and dicot plants. Students will learn the basic plant anatomy and growth stages, methods of plant reproduction and seed production, plant response to weather and other environmental factors.

COURSE TITLE: **INTRO TO HORTICULTURE**
COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This course will deal with the production of horticulture plants. Topics to be discussed include: Careers, plant structures, plant ID, plant propagation, pest management, lawn and turf grass establishment and maintenance, as well as record keeping and customer service. This class will also spend time in the spring working in the green house growing plants and working with customers.

COURSE TITLE: **WELDING AND METAL FABRICATION**
COURSE DATA: Fall Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This course is for students that have a strong interest in agricultural mechanics and its applications. The course is primarily based in the laboratory or shop setting with the minimal amount of classroom time. We will focus the Metal Fabrication course on GMAW (Gas Metal Arc Welding), SMAW (Shielded Metal Arc Welding) and Oxy-Acetylene Welding and cutting, and TIG Welding. Other topics will include tap and die, sheet metal construction.

COURSE TITLE: **OUTDOOR SCIENCE**
COURSE DATA: Either Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: The course will deal with a variety of outdoor topics ranging from natural resource conservation, animal identification, habitats and feeding habits, and laws and regulations concerning hunting, fishing, boating and other

outdoor activities. We will cover hunter safety, as well as ATV/snowmobile/boating safety and regulations relating to the state of Minnesota.

COURSE TITLE: SMALL ENGINES
COURSE DATA: Spring Semester **ELECTIVE:** 1 Semester Credit

COURSE DESCRIPTION: This course is for students that have a strong interest in agricultural mechanics and its applications. The course is primarily based in the laboratory or shop setting with the minimal amount of classroom time. We will focus on the basics of electrical wiring, electrical motors and electrical systems for the home and farm. We will also work on the 2 and 4 stroke engines and have the opportunity to work on individual student engines. Specific Small Gas Engine topics include: Measurement tools-precision, Theory of Operation-4 cycle, 2 cycle engines, Ignition Systems-Theory & Applications, Carburetion Systems-Theory & applications, Governors and Linkages-Theory & Applications, Disassembly & Assembly, Troubleshooting, Maintenance & General Repair.

COURSE TITLE: VETERINARY SCIENCE – SMALL ANIMAL
COURSE DATA: Semester **ELECTIVE:** 1 Semester Credit

COURSE DESCRIPTION: Small animal care and veterinary science are two of the growing areas of study at local community and state universities. This course is intended to give students a basic understanding of the potential careers in the small animal care and veterinary industries. Students will cover topics in animal care, maintenance, nutrition, bodily systems, health maintenance, disease control, etc. Excellent course for future veterinarians or animal science interested students.

COURSE TITLE: WOODS AND MANUFACTURING 1
COURSE DATA: Semester(Fall Semester) **ELECTIVE:** 1 Semester Credit

COURSE DESCRIPTION: This course will teach students the basics of furniture making. Students will learn how to properly operate wood working equipment safely, the different styles of cabinetry, and they will use this information to create a small nightstand project. Students are responsible for their own class materials, the school will supply machinery, sandpaper, and glue.

COURSE TITLE: **AG BUSINESS**

COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: Ever been interested in the business side of Agriculture? Have you ever thought of running your own business some day? This new, 1 semester course will cover the basics of the financial side of running an ag business. Agriculture is a huge industry, and is looking for people who know how to manage the management and money side of things. Many of the activities and topics discussed also relate to other businesses as well. We will be covering various financial statements such as; balance sheets, cash flows, income statements, owner equity statements, loans, and depreciation. We will also discuss management topics such as; inventories, how to deal with employees, as well as some basic computer skills such as word processing and spreadsheets.

COURSE TITLE: **Food Science**

COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This introductory level course will answer questions such as these as you become familiar with some of the basics of the food industry including topics such as nutrition, food chemistry, product development and sensory evaluation. Students will be using a wide set of technology that is made available to them through classroom applications and community experts. Students will complete a chapter test on each chapter and lesson checks on each lesson. Students will also have an emphasis on design, work-based skills, creativity, and work ethic throughout the entire course. Students will be focusing on & baking/cooking in each unit: What is Food Science?, Sensory Evaluation, Food Safety, Careers in Food Science, Food Processing, Food Preservation, Dehydration and Concentration, and a final of a Food Truck-Putting it All Together.

COURSE TITLE: **Food Processing & Preparation**

COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: The Food Processing & Preparation course is an introductory course. This course focuses on basics of food processing, home food processing methods, product development, and commercial processing. Students will be using a wide set of technology that is made available to them through classroom applications and community experts. Students will complete a chapter test on each chapter and lesson checks on each lesson. Students will also have an emphasis on design, work-based skills, creativity, and work ethic throughout the entire course.

COURSE TITLE: **Ag. Communications**

COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: Communication in the 21st century is a vital tool to share information, market to consumers, and to keep in touch. The course of Agricultural Communications helps students to learn about journalism, communication, and broadcasting principles in relation to agriculture. Students will dive into the basics of journalism broadcasting, film/video production, and communication techniques as well as the production of specialized products to agricultural consumers. Students will be exposed to the business and sciences of agriculture to help communicate more effectively. Students will be using a wide set of technology that is made available to them through classroom applications and community experts. Students will complete a chapter test on each chapter and lesson checks on each lesson. Students will also have an emphasis on design, work-based skills, creativity, and work ethic throughout the entire course.

COURSE TITLE: **Crops**
COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: Crops course will dive into the basics behind the local and a few exotic crops for students to grow their knowledge. Through the investigation of crops in labs, students will learn how to plant, grow, & inform others about crops. Students will be using a wide set of technology that is made available to them through classroom applications and community experts. Students will complete a chapter test on each chapter and lesson checks on each lesson. Students will also have an emphasis on design, work-based skills, creativity, and work ethic throughout the entire course.

COURSE TITLE: **SYMPHONIC BAND**
COURSE DATA: Year ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This course gives students in grades 9-12 the opportunity to create and share instrumental music in a group setting. The ensemble plays a variety of band literature and performs at concerts, large group contest and pep band events. Students have the opportunity to play and perform solo and small-ensemble repertoire. In addition to performance, the curriculum focuses on understanding music theory, analysis, and the impacts of music on people and cultures. Students receive individualized instruction in the form of three private/group lessons each quarter. The band meets every other day for a full year. Participation in concerts is required.

COURSE TITLE: **VARSITY CHOIR**
COURSE DATA: Year ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This choir, consisting of 9th-12th grade students, gives students the opportunity to experience the process and expression of musical thought in a large group setting. Each student will show basic music knowledge through performance and lessons. Critiquing, analyzing, and communicating artistic intent will be included in the course curriculum. Students will receive no less than four lessons every quarter and have

opportunities to perform in various ensembles and participate in solo & ensemble festivals. Sight-reading and ear training will be an integral part of vocal lessons. Participation in concerts is required. Choir meets every other day for a full year.

BUSINESS

COURSE TITLE: **HOSPITALITY & TOURISM**
COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: Hospitality Services allow students to explore one of the most **explosive and dynamic** career paths available today and will open the door for college or entry-level industry positions. Careers in the hospitality industry include hotels & lodging, food and beverage, recreation & attractions, and travel & tourism. Students will learn career building skills as well as developing a professional network so vital to the hospitality industry. Students will gain input from guest speakers to expand exploration beyond the classroom.

COURSE TITLE: **CAREER READINESS**
COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: This course was designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choice. This course will assist the students in assessing their personal strengths and weaknesses as they relate to career decisions. The student will develop skills in this course that are generic to all occupations, such as properly preparing career documents needed to obtain employment. Students will be given opportunities to practice and perfect their interviewing skills. Business professionals from the community will help provide students with feedback and advice on how to stand out in the interview process.

COURSE TITLE: **ACCOUNTING**
COURSE DATA: Semester ELECTIVE: 1 Semester Credit

COURSE DESCRIPTION: After completing this course, you will have an advantage when taking college accounting and possess the skills necessary for entry-level accounting and bookkeeping careers. Accounting is the language of business, which means it's an important part of any business - in any industry! During the course of the semester you will: prepare financial records, develop financial reports, enhance your general knowledge of business, and learn payroll and taxes. In addition, students will learn about ethics and social responsibility in business.

COURSE TITLE: **VIDEO PRODUCTIONS**
COURSE DATA: Semester **ELECTIVE:** 1 Semester Credit

COURSE DESCRIPTION: Broadcasting and video production is time sensitive activity that demands a working knowledge of a variety of business skills along with the technology involved. It requires that each student work in a cooperative environment and show leadership skills managing personalities and talents with all students by both working in group and individual projects. Students will be introduced to the field of broadcast journalism, video production, and be developing the high school video announcements for Renville County West. You will develop your skills through a series of in class exercises, studio and field exercises and critical evaluations of past and present production styles.

COURSE TITLE: **WEB DESIGN**
COURSE DATA: Semester **REQUIRED:** 1 Semester Credit

COURSE DESCRIPTION: This class is an introduction to the design, creation, and maintenance of web pages and web sites. Students will learn how to critically evaluate website quality, learn how to create web pages, learn about web design standards and why they are important. Students will learn the basics of how to code a website - learning how to write HTML and CSS. The course will progress from introductory work, to a culminating project where students design and develop a website for local community organizations. This class provides any student interested in pursuing a technology related career, with a great base understanding of code.

COURSE TITLE: **MARKETING**
COURSE DATA: Semester **ELECTIVE:** 1 Semester Credit

**COURSE
DESCRIPTION:**

Have you ever wondered how a business decides what type of advertising to use? How does social media impact marketing? Are you interested in direct, digital, and online marketing? Then this course is for you! Marketing is the study of the business activities that direct the flow of goods and services from producers to consumers. Some of the topics studied include sales, business, management, entrepreneurship, advertising, legal, finance and digital marketing. Students will brainstorm and present their own business marketing plans and products.

LANGUAGE

COURSE TITLE: **SPANISH I**

COURSE DATA: Semester ELECTIVE: 2 Semester Credits

COURSE

DESCRIPTION: Students will listen to Spanish language music, presentations about cultural topics, as well as stories in the Spanish language. Students will demonstrate comprehension in listening, reading and writing. Students will speak sentences about familiar topics. Students will answer questions about about familiar topics. Students will build upon their skills learned in 7th grade and 8th grade Spanish, though 7th and 8th grade Spanish is not required to take Spanish I. Students will be able to communicate information about aspects of history, geography, and the modern way of life in the Spanish speaking world.

COURSE TITLE: **SPANISH II**

COURSE DATA: Year ELECTIVE: 2 Semester Credits
Prerequisite – Spanish I

COURSE

DESCRIPTION: Students will listen to Spanish language music, presentations about cultural topics, as well as stories in the Spanish language. Students will demonstrate comprehension in listening, reading and writing. Students will speak sentences about familiar topics. Students will answer questions about about familiar topics. Students will build upon their skills learned in Spanish I. An emphasis will be on communicating in the past tense, as well as interpreting information given in the past tense. Students will be able to communicate information about aspects of history, geography, and the modern way of life in the Spanish speaking world. During this year of study, a travel program to a Spanish - speaking territory or country may be an option for sophomore, junior and senior students.