

Kindred High School

Curriculum Guide

2018-19



KINDRED HIGH SCHOOL CURRICULUM

<u>NAME OF COURSE</u>	<u>CREDIT</u>	<u>GRADE</u>
<u>AGRICULTURE</u>		
Agri. Science I Introduction to Ag	1	9
Agri. Science II Fundamentals of Ag	1	10
Agriscience and World Agriculture	1/2	11-12
Agronomy Science	1/2	11-12
Botany/Horticulture (Ag or Science)	1	11-12
Carpentry & Construction Technology	1/2	11-12
Community Development	1/2	11-12
Electrical Wiring and Engineering	1/2	11-12
Engineering, Mech Tech & Cad Design	1/2	11-12
Food Science and Technology	1/2	11-12
Individual Agricultural Studies (Special Projects)	1/2	12
Sales/Marketing & Business Management	1/2	11-12
Small Engines Repair and Maintenance	1/2	11-12
Veterinary Science	1/2	11-12
Welding Design and Fabrication	1/2	11-12
Wildlife, Natural Resources/Environmental Science	1/2	11-12
Supervised Agricultural Experience	1/2	9-12
<u>BUSINESS EDUCATION</u>		
General Business	1/2	9-10
Accounting	1	11-12
Business Law	1/2	11-12
<u>COMPUTER TECHNOLOGY</u>		
Computer Applications I	1/2	9-12
Computer Applications II	1/2	9-12
Desktop Publishing	1/2	10-12
Multimedia	1/2	11-12
Web Page Design	1/2	10-12
<u>COMPUTER SCIENCE</u>		
Intro to Computer Science	1/2	9-12
<u>DRIVER EDUCATION</u>		
Driver Education (Summer)	1/4	9

<u>NAME OF COURSE</u>	<u>CREDIT</u>	<u>GRADE</u>
<u>ENGLISH LANGUAGE ARTS</u>		
English I	1	9
English II	1	10
English III	1	11
English IV	1	12
Composition	1/2	12
Advanced Composition	1/2	12
Fiction	1/2	11-12
Oral Communication	1/2	10-12
Creative Writing	1/2	11-12
<u>FINE ARTS/VISUAL ARTS</u>		
Art (Drawing I, II)	1/2	9-12
Art (Painting I, II)	1/2	9-12
Sculpture	1/2	11-12
Graphic Design	1/2	11-12
Studio	1/2	11-12
<u>FOREIGN LANGUAGE</u>		
Spanish I	1	9-12
Spanish II	1	10-12
Spanish III	1	11-12
<u>FAMILY AND CONSUMER SCIENCE</u>		
Child Development	1/2	10-12
FACS 1	1/2	9-10
Consumer and Resource Management	1/2	11-12
Foods and Nutrition I	1/2	9-12
Foods and Nutrition II	1/2	9-12
Textiles and Clothing	1/2	9-12
<u>MATHEMATICS</u>		
Pre-Algebra	1	9
Algebra I	1	9-10
Algebra II	1	10-12
Consumer Math	1	11-12
Informal Geometry	1	10-12
Geometry	1	10-12
Pre-Calculus	1	11-12
Calculus	1	12
College Algebra	1/2	11-12
Trigonometry	1/2	11-12

<u>NAME OF COURSE</u>	<u>CREDIT</u>	<u>GRADE</u>
<u>MUSIC</u>		
Concert Band	1/2	9-12
Concert Choir	1/2	9-12
<u>NATURAL SCIENCE</u>		
Physical Science	1	9
Biology	1	10
Applied Biology/Chemistry	1	11-12
Anatomy and Physiology	1	11-12
Chemistry	1	11-12
Physics	1	11-12
Botany/Horticulture (Ag or Science)	1	11-12
<u>PHYSICAL EDUCATION AND HEALTH</u>		
Health	1/2	9
Physical Education 9	1/2	9
Physical Education	1/2	10-12
Weight Lifting	1/2	11-12
<u>SOCIAL SCIENCE</u>		
World Geography I	1/2	9-12
North Dakota Studies	1/2	9
World History	1	10
U.S. History	1	11
American Government	1/2	11-12
Economics	1/2	11-12
Psychology	1/2	11-12
Sociology	1/2	11-12
World Cultures	1/2	11-12
<u>OTHER</u>		
SEEC and NDSCS/Lake Region/Bottineau Leadership	1/2	10-12

MINIMUM COURSE REQUIREMENTS FOR GRADUATION IN THE KINDRED SCHOOL DISTRICT

The proper selection of courses by students is an important matter. Each course should be carefully selected as an integral part of the student's four-year educational plan. Carefully considered course selections are equally important to the school district as commitments for staffing for the ensuing year are based on the student selections. All changes must have the approval of the school principal.

Registration and Course Load

Students will register for the next year's classes in the spring of the preceding year. Due to the limited number of PE, art, special projects openings, students may be restricted to the number of these classes that they may take per year. Students will not be allowed to take more than one full time study hall per semester. All students will receive credit for classes at the end of each semester. Example: students in a full year course like algebra will receive 1/2 credit at the end of 1st semester and 1/2 credit at the end of 2nd semester. Any deviation from this procedure must be arranged with and approved by the principal.

GRADUATION REQUIREMENTS FOR SCHOOL YEAR 2018-19 KINDRED HIGH SCHOOL

<u>Credits</u>	<u>Required Classes</u>
4.0	Language Arts (English I, II, III and 1 other)
3.5	Social Studies (World History US History, .5 American Government, .5 Economics & .5 other)
3.0	Mathematics (Algebra I and 2 other)
3.0	Natural Science (Physical Science, Biology and 1 other)
1.0	Physical Education
0.5	Health
0.5	Consumer and Resource Management
3.0	Fine Arts, Foreign Language, Native American Language, or Career/Technical Ed course
18.5	Required Credits
4.5	Elective Credits
<u>23.0</u>	Total Credits

Correspondence courses/summer school courses will be accepted as credit for graduation only as substitutes for elective courses or required courses that have been previously failed. All graduation requirements must be completed to participate in graduation ceremonies. Correspondence courses must be completed by May 1 of the senior year.

Early Graduation

Students who have met graduation requirements at the completion of semester 1 of their senior year may participate in graduation ceremonies. Applications to participate in graduation ceremonies must be submitted and approved through the principal/counselor by the end of 1st semester of their Senior year.

Dual Credit/Early Entry Credits

Students will be allowed to earn college credits for dual credit courses or college early entry programs. Student schedule and credits must be approved by the principal. Dual credit can be used as a graduation requirement.

Classification (Guide)

<u>Grade</u>	<u>Credit</u>
Freshmen	Completion of Grade 8
Sophomore	5
Junior	10
Senior	16

KINDRED CLASSES THAT ARE NCAA APPROVED

ENGLISH

English 1
English 2
English 3
English 4
Composition
Advanced Composition
Fiction
Journalism
Lit for Readers
Oral Communication (Speech)

MATH

Algebra 1
Algebra 2
Geometry
College Algebra
Trigonometry
PreCalculus
Calculus

SCIENCE

Biology
Chemistry
Physical Science
Human Anatomy
Physics
Environmental Science

SOCIAL SCIENCE

American Government
Economics
Psychology
Sociology
US History
World Geography1
World Geography 2
World History

OTHER

Spanish 1 and Spanish 2

2018 Revised Ag Class Offerings

AGRICULTURE – STEM Opportunities – Science, Technology, Engineering and Mathematics.

Name of Course	Credit	Grade	Offering
<u>Intro</u>			
Agriscience I: Introduction to Agricultural Opportunities	1	9	Yearly
Agriscience II: Agriscience and Mechanics Applications	1	10	Yearly
<u>AgriScience Opportunities</u>			
Botany/Horticulture (Ag or Science)	1	11-12	Yearly
Food Science and Technology	½	11-12	Yearly
Agriscience and World Agriculture	½	11-12	Odd
Wildlife/Natural Res./Environmental Science	½	11-12	Odd
Vet Science	½	11-12	Even
Agronomy Science	½	11-12	Even
<u>Engineering and Mechanics Opportunities</u>			
Carpentry and Construction Technology	½	11-12	Yearly
Small Engines Repair and Maintenance	½	11-12	Yearly
Welding Design and Fabrication	½	11-12	Yearly
Engineering, Mechanic Technology and CAD Design	½	11-12	Odd
Electrical Wiring and Engineering	½	11-12	Even
<u>Other Opportunities</u>			
Individual Agricultural STEM Studies	½	12	Yearly
Supervised Agricultural Experience	½	9-12	Yearly
Community Development	½	11-12	Odd
Sales, Marketing and Business Management	½	11-12	Even

COURSE DESCRIPTIONS

AGRICULTURAL EDUCATION

Agricultural education is composed of three equal parts: classroom/laboratory, FFA and supervised agricultural experiences (SAE). Therefore, students enrolled in any agricultural education class will be members of the local FFA chapter and will be required to perform some sort of agricultural career experience outside of the classroom. Arrangements will be made with the teacher to find suitable career experience opportunities for each student. Additionally, this course emphasizes leadership development and service learning both in school and the community.

AGRISCIENCE I: INTRODUCTION TO AGRICULTURAL OPPORTUNITIES

Grade: 9; Elective; Full Year; 1 credit

Prerequisites: None

North Dakota's No. 1 source of income comes from agriculture, and Kindred is an agricultural community. This class is designed as a basic stepping stone to the many opportunities that agriculture has to offer and provide them with an opportunity to enhance their perception of agriculture and its many opportunities. Students will develop skill sets in the areas of leadership and communications, woodworking, metal working, plant science, animal science, financial record keeping and agribusiness, natural resources management and soil science. As a major part of this course, students will participate in exciting hands-on activities and real-world projects that encourage problem solving and scientific reasoning throughout the year.

Topics covered include:

- FFA and Leadership Development
- Animal Science
- Plant Science
- Agricultural Mechanics
- Agribusiness
- Ag Science

Learning activities will emphasize opportunities and careers in all aspects of the agricultural industry through the use of classroom, laboratory and field experiences

AG II: AGRISCIENCE AND MECHANICS APPLICATIONS

Grade: 10; Elective; Semester; 1 credit

Prerequisite: Agriscience I: Introduction to Agricultural Opportunities

This course is designed to provide students with an opportunity to gain insight into the wide array of career opportunities in agricultural science and mechanics. Students will develop technical skills in solving problems, while exploring natural resources, plants, animals and food. Students will design, engineer and build multiple projects that develop their problem-solving skills through hands-on, inquiry-based activities that incorporate the math and science of agricultural mechanics and engineering. Students will investigate, experiment and learn about documenting a project and solving problems.

Topics covered include:

- Leadership/Parliamentary Procedure
- Natural Resources
- Plant Science
- Animal Science Nutrition
- Food Science
- Marketing
- Carpentry
- Welding
- Cold Metal Working

Learning activities will emphasize opportunities and careers in the agricultural science and mechanics industry through the use of classroom, shop/laboratory and field experiences.

AGRISCIENCE AND WORLD AGRICULTURE (Formerly Agriscience) Odd Years Only

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: AG II: Introduction to Agriscience Applications

This course is designed for students to utilize prior agricultural knowledge to solve real-world problems. Students will develop knowledge and skills pertaining to global sustainability as it relates to agriculture, biotechnology and its use in today's world, and the production of biofuels. Students will conduct a self-directed agriscience research project, produce biofuels and explore the many opportunities in biotechnology.

Topics covered will include:

- Sustainability
- Agri-Chemistry
- Agricultural Issues
- Cellular Biology
- Hunger awareness
- International Agriculture and Global Agriculture Issues
- Entomology
- Biofuels
- Biotechnology
- Agriscience Research Project

Learning activities will emphasize opportunities and careers in the agriscience industry through the use of classroom, laboratory and field experiences

VETERINARY SCIENCE (New)

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

This course is designed to provide students with an opportunity to study animals and gain a basic understanding of veterinary procedures. Students will develop skills in the identification and management of small animal and livestock species, introduction to proper vet science practices and procedures and gain valuable insight into animal science.

Topics covered include:

- Livestock and Small Animal Species
- Animal Diseases
- Veterinary Procedures
- Livestock and Pet Management
- Animal Production
- Current Animal Husbandry Issues

Learning activities will emphasize opportunities and careers in the animal and veterinary science industry through the use of classroom, laboratory and field experiences.

BOTANY / HORTICULTURE (SCIENCE OR AG CREDIT – NOT BOTH)

Grade: 11-12; Elective; Full Year: 1 credit

Prerequisite: None

This course is designed to provide students with knowledge of horticulture and plant science. The course will examine the importance of plant cell structures, functions of cells, plant process, nonvascular plants, vascular plants, roots stems, leaves, flowers and reproduction of plants. Students will develop skills in greenhouse management, plant identification, landscape design and floral design. Students will prepare plants for different projects and sales throughout the year, design and construct landscape plans and develop a raised garden bed plan.

Topics covered include:

- The Science and Structure of Plants
- Soil, Water and Climate
- Greenhouse Management
- Floral and Landscape Design
- Plant Pathology
- Plant Reproduction

Learning activities will emphasize opportunities and careers in the plant science, landscape and greenhouse industry through the use of classroom, laboratory and field experiences.

WILDLIFE AND NATURAL RESOURCE MANAGEMENT/ENVIRONMENTAL SCIENCE (Formerly Environmental Science) Odd Years Only

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

This course is designed to provide students with an opportunity to study the wildlife and natural resources of North Dakota. Students will develop skills in identification and management of wildlife species, testing water and soil quality and gain valuable insight into the different natural resources and their management. Students will develop an environmental science portfolio, which encompasses wildlife and natural resources management plans. They will also conduct a variety of different experiments, learn about different environmental technology and research current environmental issues.

Topics covered include:

- Wildlife Species and Management
- Soil, Water and Climate
- Biodiversity
- Natural Resource Management

- Green Energy Technologies
- Current Environmental Issues

Learning activities will emphasize opportunities and careers in the wildlife and natural resource industry through the use of classroom, laboratory and field experiences.

FOOD SCIENCE AND TECHNOLOGY

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

This course is designed to provide students with the opportunity to learn and understand the science of food production. Students will develop skills in processing different food items, food safety and food product development. Students will gain experience in producing a product, marketing food, food preservation and food chemistry.

Topics covered will include:

- Science and Steps of Processing
- Grain Processing
- Dairy Processing
- Fruit/Vegetable Processing
- Meat Processing
- Food Safety and Sanitation

Learning activities will emphasize opportunities and careers in the food science industry through the use of classroom, laboratory and field experiences.

AGRONOMY SCIENCE (New)

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: NONE

This course is designed to provide students with an opportunity to study crops of North Dakota and gain a basic understanding in the field of agronomy. Students will develop skills in the identification and management of multiple agronomic crops, proper chemical applications, and disease and pest management. Students will explore the different pieces of equipment used to manage crops, develop a crop plan, scout fields, and experiment with different crop varieties.

Topics covered include:

- Agronomic Species
- Disease and Pests
- Planting and Harvesting Applications
- Proper Field Management
- Chemical Applications
- Genetics of Crops

Learning activities will emphasize opportunities and careers in the agronomy science industry through the use of classroom, laboratory and field experiences.

ELECTRICAL WIRING AND ENGINEERING (New)

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

This course is designed to prepare students for technological opportunities related to electricity and electrical wiring. Students will develop skills and knowledge in electrical theory, interpret electrical drawings, electrical wiring and electrical safety. Students will design and engineer a variety of electrical projects, wire outlets, lights and switches, and use current technology to calculate watts, amps, volts and ohms.

Topics covered will include:

- Electrical Theory
- Energy Technologies (wind, solar, coal, natural gas, etc.)
- Electrical Motors
- Wiring Diagrams
- Electricity Generation
- Electrical Safety

Learning activities will emphasize opportunities and careers in the electrical engineering industry through the use of classroom, shop/laboratory and field experiences.

ENGINEERING, MECHANICAL TECHNOLOGY AND CAD DESIGN (New) Odd Years Only

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

This course is designed to prepare students for technological opportunities related to the computer aided drafting (CAD) and agricultural engineering industry. Students will develop skills in engineering, project design, operate a variety of technological equipment and work with different Computer Aided Drafting software programs. Students will design and engineer a variety of projects using CAD software and use and operate current technology used in the agricultural industry.

Topics covered will include:

- Basic Computer Aided Drafting Skills
- CAD Torchmate Plasma Cutting Table
- CAD CNC Router
- CAD Farmbot
- Drone/Robotic Engineering
- Introduction to 3D Engineering

Learning activities will emphasize opportunities and careers in the mechanical engineering industry through the use of classroom, shop/laboratory and field experiences.

CARPENTRY & CONSTRUCTION TECHNOLOGY

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: AG II: Introduction to Agricultural Mechanics and Engineering

This course is designed to prepare students for career opportunities in wood building design, engineering and construction and carpentry processes. Students will develop skills in woodworking by using a variety of different power tools, building engineering

and construction and carpentry practices. Students will design and construct both small and medium projects, along with a small building.

Topics covered include:

- Woodworking Methods
- Construction Materials
- Building and Project Design and Print Reading
- Construction Wall, Floor and Ceiling Framing
- Roof, Rafter and Truss Design
- Project Construction

Learning activities will emphasize opportunities and careers in the woodworking and construction trades industry through the use of classroom, shop/laboratory and field experiences.

SMALL ENGINE REPAIR AND MAINTENANCE

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: AG II: Introduction to Agricultural Mechanics and Engineering

This course is designed to provide students with knowledge in engine design, operation, repair and maintenance. Students will develop skills in engine teardown and rebuilding, troubleshooting engine issues and proper engine maintenance. Students will tear down and rebuild multiple engines to better understand engine operation and troubleshoot potential issues with their own small engine.

Topics covered will include:

- Classification of Engines
- Parts of the Engine
- Engine Operation
- Strokes of the Engine
- Engine Maintenance
- Troubleshooting Engine Issues

Learning activities will emphasize opportunities and careers in the small engine industry through the use of classroom, shop/laboratory and field experiences.

WELDING DESIGN AND FABRICATION

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: AG II: Introduction to Agricultural Mechanics and Engineering

This course is designed to provide students with a background in metal engineering, blueprint reading, material selection and identification, repair procedures and welding fabrication methods. Students will develop and improve basic welding skills and project fabrication using multiple welding methods. Students will design, engineer and fabricate both small and medium projects, along with a large metal project.

Topics covered include:

- Types of Welding/Safety
- Shielded Metal Arc Welding Skills
- Gas Metal Arc Welding Skills
- Tungsten Inert Gas Welding Skills
- Plasma Arc Cutting Skills

- Welding Fabrication

Learning activities will emphasize opportunities and careers in the welding industry, through the use of classroom, shop/laboratory and field experiences.

SALES, MARKETING AND BUSINESS MANAGEMENT (Formerly Ag Business)

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

This course is designed to provide students with the opportunity to explore sales, marketing products and business operations and management. Students will develop skills in selling and marketing products, employability skills and business strategies and management. Students will develop a personal portfolio, selling presentations and advertisements, along with solving business practicums and developing a business plan.

Topics covered include:

- Business management and leadership
- Marketing and sales skills
- Advertising and promotions
- Financial management and budgeting
- Resumes and interviewing
- Agribusiness careers

Learning activities will emphasize opportunities and careers in the sales, marketing and business industry through the use of classroom, shop/laboratory and field experiences.

COMMUNITY DEVELOPMENT (New) Odd Years Only

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

This course is designed to provide students with the opportunity to understand the principles and fundamentals of community development and gain an appreciation of essential community needs. Students will have the opportunity to study the community development process and select, plan, and implement a community development project or projects. Community leadership development and service learning are integral to the success of this course. Students will develop skills in leadership development and service learning.

Topics covered include:

- The planning and implementation of a Community Service Plan
- Leadership Development
- Service Learning
- Basic woodworking to complete projects
- Basic metal working to complete projects
- Creating budgets
- Advertising and promoting of Community Service projects

Learning activities will emphasize leadership opportunities through the use of classroom, shop/laboratory, and field experiences.

INDIVIDUAL STEM STUDIES (Formerly Individual Studies)

Grades: 11-12; Elective—by arrangement only; Semester; 1/2 credit

Prerequisites: 3 credits of Agricultural Education Classes

This course is designed to provide students with an opportunity to expand and explore a specific topic of their choosing in the areas of science, technology, engineering and mathematics. Students will further develop the skills they gained in previous classes by developing a plan of study with the teacher and carry out the project.

Example opportunities include:

- Design, Engineer, and Develop a Cost of Materials and Build a Large Project
- Research and Develop Scientific Experiments on a Specific Topic
- Research, Build and Implement Technology on a Specific Topic

This class is offered by arrangement only, so you must talk to Mr. Becker

SUPERVISED AGRICULTURAL EXPERIENCE

Grades: 9 - 12; Elective—by arrangement only - 1/2 credit

Co-requisite/Prerequisite: Ag I Introduction to Agriculture

This course is designed to give students an opportunity to expand and grow their skill set through a supervised agricultural experience (SAE). Students will be able to take what they learned in school and their agricultural education classes and apply it to a workplace experience. This experience also provides students with the opportunity to gain new knowledge that might not be found in a normal classroom. This course will be offered for ½ credit per year. A student can enroll in this course each year for four consecutive years (if desired). In order to earn the ½ credit, the student must perform a minimum of 100 hours of work in their Supervised Agricultural Experience Program from January 1-December 31. Two visitations from the instructor will occur at the student's place of work/experience. Additionally, the student must fill out and submit a proficiency award application or complete an essay, which needs to be turned into the instructor by April 1.

This class is offered by arrangement only, so you must talk to Mr. Becker

BUSINESS EDUCATION

GENERAL BUSINESS

Grades: 9-10; Elective; Semester; 1/2 credit

Prerequisite: None

The student will develop an understanding of personal banking by learning to balance a checkbook, pay bills, deposit money, write checks and read bank statements. The student will use this information for planning a personal budget and for learning to set short-term and long-term goals.

The student will develop an understanding of the important part that business plays in our daily lives. The student will also develop the ability to use business services intelligently. The purpose of General Business is to enable the student to understand the principles and procedures of business for everyone; whether or not the student contemplates a career in business.

General Business is designed to make available to all students an introductory study of business, including (1) an understanding and appreciation of the nature, scope, and

functions of the business-economic system in meeting consumer needs and wants; (2) an understanding of economic principles and desirable business practices which should be followed by consumers in the wise handling of their business affairs; and (3) an understanding appreciation of career opportunities which are to be found in business occupations.

ACCOUNTING

Grade: 11-12; Elective; Full Year; 1 credit

Prerequisite: None

The emphasis of this course is on basic principles, concepts, and procedures of accounting needed by every student to take advantage of opportunities presented by the business world. Orderly records of business financial activities are essential.

Students will learn to record daily transactions of a business, prepare and interpret financial records, learn about payroll, taxes and governmental regulations in financial records. Students will also become familiar with the computer as a tool for handling business information and records.

A knowledge of accounting is for students who have a variety of career objectives: Beginning vocational preparation for careers in accounting, accounting knowledge and skill needed for careers in related business fields, a foundation on which to continue studying business and accounting at the collegiate level. Accounting contributes to personal ability to earn a living, a person's understanding of the economic activities of the business world, and a person's competence in managing his personal business affairs.

BUSINESS LAW

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

Business Law emphasizes the individual's rights and responsibilities under the law. Business Law is a study of basic principles common to a broad base of every day business activities in which an individual is likely to become involved. It is useful to students for personal reasons and can be valuable as background information to individuals who are entering business careers. The course helps make the student a better citizen as he/she realizes that laws are made for the protection of people and their property as well as for the punishment of wrongdoers. Business law develops in the student the ability to know and apply the essential principles of law to the student's day.

COMPUTER TECHNOLOGY

COMPUTER APPLICATIONS

Grades: 9-12; Elective; Semester; 1/2 credit

Prerequisite: Computer Applications 7

Computer Applications I introduce students to computing with "hands-on" computer experience. Students learn about operating system concepts, disk and file management, and the use of integrated software packages.

Topics to be covered include:

- integration of word processing

- integration of graphics
- integration of PowerPoint.

COMPUTER APPLICATIONS II

Grades: 9-12; Elective; Semester; 1/2 credit

Prerequisite: Computer Applications I

Continues the development of skills and knowledge developed in Computer Applications I through study and application of programs. Students will use spreadsheet software to analyze and solve problems. The students will continue to integrate information stored in all software formats.

Topics to be covered include:

- introduction and integration of spreadsheet
- integration of graphics
- use of charts and graphs

DESKTOP PUBLISHING

Grades: 10-12; Elective; Semester; 1/2 credit

Prerequisite: Computer Applications I & II

Students will be introduced to the process of creating professionally designed and printed documents with specialized computer software and hardware. Instructions will be provided to produce layouts for newsletters, catalogs, brochures, etc.

MULTIMEDIA

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: Computer Applications I & II

Students will refine computer applications skills. The students will use hardware such as scanners, digital cameras, video equipment, green screen etc. The students will use software such as I Movie, Photoshop, Garage Band, Photomagico, Flash, and animation software.

WEB PAGE DESIGN

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

Students will learn to create and design Web page projects using Dreamweaver. Students will apply their skills by using the Internet as a tool for gathering information. Students will learn to search the Web efficiently and to use the information to create a presentation, or to create a Web page for a specific topic.

COMPUTER SCIENCE

INTRO TO COMPUTER SCIENCE

Grades: 9-12; Elective; 2 Semesters; 1/2 credit each semester

Prerequisite: None

This survey course offers students a hands-on introduction to computer science. Students will learn about the big ideas in computing such as abstraction and design, and will explore various aspects of computing relevant to themselves and to society. Intro to Computer Science uses Snap!, an approachable visual block-based

programming language; with a robust tool set, perfect for introducing students to coding for the first time. Into to CS also introduces students to a second text-based programming language called Python which is used throughout the industry for app development.

DRIVER EDUCATION

DRIVER EDUCATION

Grade: 9; Elective; Summer School Course; 1/4 credit

Prerequisite: Completion of grade 8 & 14 years of age and valid North Dakota Driver's Permit

Driver's education is a summer program, which includes both classroom instruction and Behind-the-Wheel training. This course covers the North Dakota pamphlet, ***Rules of the Road***. Information on drinking and driving, blood alcohol levels, buying car insurance and car maintenance hints will be studied by students. State law requires that a student must be 14 years of age to take summer drivers education.

ENGLISH LANGUAGE ARTS

ENGLISH I

Grade: 9; Required; 2 semesters; ½ each semester

Prerequisites: None

This course involves all areas of the language arts curriculum: literature, writing vocabulary usage; grammar/usage; and speaking. Areas of study in this two-semester class may include, but not limited to a Shakespearean drama, a play, novel work, short story work and poetry. Various writing may include narrative and descriptive composition. Students will exhibit a proficiency in all areas of the curriculum by proper speaking, writing, spelling and reading.

ENGLISH II

Grade: 10; Required; 2 semesters; ½ credit each semester

Prerequisite: English I or by approval of the Principal

This course involves all areas of the language arts curriculum: literature, writing, vocabulary usage; grammar/usage; and speaking. Areas of study in this two semester class may include, but not limited to American literature, a Shakespearean play, non-fiction selections, novel work, short story work and poetry. Various writing may include narrative and descriptive composition. Students will exhibit a proficiency in all areas of the curriculum by proper speaking, writing, spelling and reading.

ENGLISH III

Grade: 11; Required; 2 semesters; ½ credit each semester

Prerequisite: English II or by approval of the Principal

This course involves all areas of the language arts curriculum: literature, writing, vocabulary usage; grammar/usage; and speaking. Areas of study in this two-semester class may include, but not limited to British literature, a play, non-fiction selections, novel work, short story work and poetry. This course is primarily designed as a literature and writing-based course. Various writing may include narrative and

descriptive composition. Students will exhibit a proficiency in all areas of the curriculum by proper speaking, writing, spelling and reading.

COMPOSITION (DUAL CREDIT ENGLISH)

Grade 12; elective; 1 semester; ½ credit

PREREQUISITE: previous English courses and by approval of the Principal

This dual credit class offers students an opportunity to work at a college level within the high school system. This course is designed to meet the requirements and expectations of freshman English at the university level. Course work will be challenging and rigorous and will include college-level reading, composition, critical thinking and research. A strong focus will be placed on composition, requiring practice in writing from personal experience to research; students will develop ideas into coherent and intelligent papers.

ADVANCED COMPOSITION (DUAL CREDIT ENGLISH)

Grade 12; elective; 1 semester; ½ credit

PREREQUISITE: previous English courses and by approval of the Principal

During the 2nd semester of ADVANCED COMPOSITION, students will continue to write college-level style papers, using various forms. This dual credit class offers students an opportunity to work at a college level within the high school system. This course is designed to meet the requirements and expectations of freshman English at the university level. Course work will be challenging and rigorous and will include college-level reading, composition, critical thinking and research. A strong focus will be placed on composition, requiring practice in writing from personal experience to research; students will develop ideas into coherent and intelligent papers.

ENGLISH 12: (formerly named ADVANCED ENGLISH)

Grade 12; Elective; 2 semesters; ½ credit each semester

- 1st semester: The first semester of this course will involve job-readiness with writing resumes and cover letters; application completion; business memo writing; newspaper analysis; and business-area work place scenarios. Strong inter-personal skills are necessary for this class as most of the class periods will be large and small group discussion.
- 2nd semester: The second semester of this course will involve contemporary/modern literature; non-fiction and historical fiction reading; and composition work. The semester will also involve some media aspects (blogs, newspaper writing, etc.)

FICTION

Grades 11-12; Elective; semester ½ credit each semester

This literature-based class, designed to promote reading and discussion, is based on a variety of novels, ranging from classic literature to contemporary work. Strong inter-personal skills are necessary for this class as most of the class periods will be large and small group discussion. This course will also involve critical literary analysis writing. Students in this course must read independently and discuss reading intelligently. Reading assignments can be challenging and rigorous.

ORAL COMMUNICATIONS (SPEECH)

Grades: 10-12; Elective; Semester; 1/2 credit

Prerequisite: None

This course is designed to give students practice in composing and delivering speeches, listening to others, offering constructive criticism, and evaluating what they hear. In this semester course, approximately 15-16 speeches will be presented. Examples of types of speeches to be given are speech to entertain, persuasive speech, speech to introduce, personal anecdotal speech, debate, group discussion, oral interpretation of drama, poetry and short stories, demonstration speech, and several others. Writing is also a part of this course.

CREATIVE WRITING

Grades: 11-12; Elective; Semester; 1/2 credit

Prerequisite: English II

This course involves writing of all types. The class will study professional writers. The course involves use of language in creating mood, style and atmosphere and emphasizes a variety of genres: short stories, screenplay, novellas, musical compositions, advertising, personal essays, creative historical writing and descriptive writing. Creative writing is open to students who have demonstrated above average ability in writing.

FINE ARTS/ VISUAL ART

ART (DRAWING I, II)

Grade: 9-12; Elective; Semester; 1/2 credit

Prerequisites: None

In these courses students explore the fundamental techniques, and materials used in creating two-dimensional drawings. Topics include: gestures drawing, blind contour, shading, basic shape, linear perspective, still life drawing, the grid technique, mark making techniques and portraiture. You will work with a wide range of art tools ranging from pencil, pen & ink, and charcoal to colored pencil, and chalk pastel.

ART (PAINTING I, II)

Grade: 9-12; Elective; Semester; 1/2 credit

Prerequisites: None

In this course students explore the fundamentals of color theory and two-dimensional design using a variety of painting techniques and materials. In addition to creating artwork, students will learn about art history, cultural aesthetics, and art's relationship with other subject areas. Topics include: (a) Acrylic painting, (b) Oil painting, (c) Watermedia, and (d) Printmaking techniques.

CERAMICS & SCULPTURE

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisites: None

Sculpture is an introductory course into the elements and principles of three-dimensional design. Additive, subtractive, and manipulative techniques will be used with a variety of media to explore several sculptural forms. Students will be acquainted

with the history of sculpture and the origins of modern techniques. Topics include: (a) Armature based additive sculpture (b) Casting (c) Ceramic hand building techniques, and (d) Wheel thrown ceramics.

GRAPHIC DESIGN

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisites: None

This course is an introduction to the fundamentals of computer graphics and digital design. Students will become acquainted with vocational uses of the adobe design products: Photoshop, Illustrator and InDesign. Topics include: (a) Photo retouching and color correction, (b) Image manipulation (c) commercial advertising and product design, and (d) Digital art creation.

STUDIO

Grade: 12; Elective; Semester; 1/2 credit

Prerequisites: 4 Classes of HS Art, Instructor Approval

Studio is an independent study in which you will be challenged to create original artwork of your own design. You may utilize any combination of art media that you have worked with in previous courses, while working to build your portfolio and to find your own artistic voice and style. Students will also be given the opportunity to enter local and national competitions.

FOREIGN LANGUAGE

SPANISH I

Grade: 9-12; Elective; Full Year; 1 credit

Prerequisite: None

Spanish I students will learn vocabulary and language skills necessary for basic conversation. They will also learn about different cultures and in doing so, work toward culture awareness and understanding.

SPANISH II

Grade: 10-12; Elective; Full Year; 1 credit

Prerequisite: Spanish I

Spanish II students will increase vocabulary and grammar knowledge while striving to become more fluent in the target language. More emphasis will be placed upon cultural understanding and knowledge of Spanish speaking countries.

SPANISH III

Grades: 11-12; Elective; Full Year; 1 credit

Prerequisite: Spanish II

Listening, speaking, reading, and writing skills are strengthened. There is minimal usage of English in the classroom. Extensive vocabulary and culture study is continued.

FAMILY AND CONSUMER SCIENCES

CHILD DEVELOPMENT

Grades: 10-12; Elective; Semester; 1/2 credit

Prerequisite: None

Child Development is the study of how children grow and develop. Students will investigate how children grow - physically, mentally, socially, emotionally and will put this learning into practice through observations and hand-on experiences with infants, preschool and elementary school children. The child as a member of a family will be a topic, with emphasis placed on the importance of both mothering and fathering roles. Current social issues affecting children will be addressed. These may include impact of family crisis on children, child abuse and neglect, children with special needs, and education. Consumer education will be included in topics such as the cost of bearing and raising a child.

FAMILY AND CONSUMER SCIENCE I (FACS I)

Grade 9-10; Elective; Semester; 1/2 credit

Prerequisite; none

This is a comprehensive course that provides students the opportunity to learn skills in all area of Family and Consumer Sciences Education. Students will receive instruction in areas critical to the success of balancing work and family responsibilities. The course will include instruction in the areas of Family Life, Nutrition and Foods, Textiles and Clothing, Housing and Interiors, Child Development and Care, and Consumer Education.

CONSUMER AND RESOURCE MANAGEMENT

Grades: 11-12; Required; Semester; 1/2 credit

Prerequisite: None

This is a required course at KHS. Financial education is of major importance in today's society. Students will study units such as: careers, budgeting, housing, transportation, insurance, credit and food costs. Students will also to investigate lifestyles and their role in the importance of financial decisions. Students will also take part in class action lawsuits that provide education about underage alcohol use.

FOODS AND NUTRITION I

Grade: 10-12; Elective; Semester; 1/2 credit

Prerequisite: None

Good nutrition is a major contributor to lifetime wellness. The study of nutrition, how we are affected by the food we eat, is the focus of this semester class. Students will learn principles and techniques of food selection and preparation to meet the USDA Dietary Guidelines for good health. The purpose of this course is to increase knowledge of food preparation and to discover and discuss current issues related to food and nutrition. Typical units include: basic nutrient requirements, my Plate, breakfast, baking, fruits and vegetables, and grains. Labs are usually used once a week.

FOODS AND NUTRITION II

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: Foods I

Students will learn principles and techniques of food selection and preparations to meet the USDA Dietary Guidelines for good health. Proper food storage and care, time management, planning efficient workspaces for food preparation and service, entertaining, and meal planning are all put into practice during laboratory experiences. Meats, seafood, dairy, cakes, pies and the food service industry are typical units studied.

TEXTILES AND CLOTHING

Grade 9-12; Elective; Semester; 1/2 credit

Prerequisite: None

Home manufacture of clothing is a minor task in most of today's families, but provision of adequate clothing is a need for everyone. The course will emphasize developing consumer skills to make the best use of resources when planning for, purchasing, and caring for clothing and other textile products. This course will help the student develop a personal clothing plan which reflects his/her personality and which is suitable for the chosen lifestyle and occupation. For those students who are interested in developing or improving clothing construction skills, projects will be individualized to meet personal goals.

MATH

PRE-ALGEBRA

Grade: 9; Elective; Full Year; 1 credit

Prerequisite: By approval of math instructor and counselor or principal

Pre-algebra provides additional study and practice of mathematical concepts to prepare students for algebra. Percent applications, exponents, scientific notation, graphing, geometry concepts, Pythagorean property, and probability and statistics will be studied. Integers, rational numbers, proportions, and inequalities may also be covered.

ALGEBRA I

Grade: 8-10; Required; Full Year; 1 credit

Prerequisite: None

Algebra is a systematic way of calculating numbers and variables through the use of symbols and rules of operation. Graphing, word problems, equations, factoring are some of the mathematical functions covered. Algebra is a prerequisite for all the higher mathematics courses.

ALGEBRA II

Grade: 10-12; Elective; Full Year; 1 credit

Prerequisites: Algebra I

Algebra II is a review of basic concepts of Algebra I with an emphasis on application/problem solving. Advanced topics such as quadratic equations, functions, complex numbers, conics and some trigonometry will be covered. Any student planning

to take chemistry or physics should take this course. Algebra II should be taken by any student who plans to attend a 4-year college.

CONSUMER MATH

Grade 11-12; Elective; Full Year; 1 credit

Prerequisite: None

Consumer Math provides comprehensive coverage of personal and business-related mathematics. In addition to reviewing the basic operations of arithmetic, students are prepared to understand and manage their personal finances, as well as grasp the fundamentals of business finances. Consumer Math prepares students to be smart shoppers, informed taxpayers, and valued employees.

INFORMAL GEOMETRY

Grade: 10-12; Elective; Full Year; 1 credit

Prerequisite: Algebra I; By approval of math instructor and counselor or principal

This course will address all concepts that are covered in regular geometry, except, not as in -depth. Hands-on activities will be used to help reinforce the geometric concepts. A calculator that is fraction capable is necessary.

GEOMETRY

Grade: 9-12; Elective; Full Year; 1 credit

Prerequisite: Algebra I; By approval of math instructor and counselor or principal

Geometry is the study of measurement, properties, and relationships of points, lines, angles, surfaces and solids. Reasoning and problem-solving skills will be used in the development of proofs and concepts.

COLLEGE ALGEBRA – DUAL CREDIT

Grade 11-12; Elective; Half year; .5 credit

Prerequisite: Algebra II

College Algebra fully integrates topics from algebra, geometry, trigonometry, discrete mathematics, and mathematical analysis. These will prepare you for post-secondary math courses such as College Algebra, College Trigonometry and in developing formulas for Calculus.

Real World problems are developed throughout the course and become progressively more elaborate. With regular practice, high-school level students will be able to solve challenging problems such as rate problems and problems involving abstract quantities. Conceptually oriented problems help prepare students for college entrance exams such as the ACT and SAT.

TRIGONOMETRY-DUAL CREDIT

Grade 11-12; Elective; Half year; .5 credit

Prerequisite: Algebra II and Geometry or Informal Geometry

Trigonometry is a field of mathematics in which the geometric properties of the angles and edges of triangles are used to measure lengths. Real-world problems involving trigonometry are common in engineering, physics, construction and design.

Topics include relationships with in right and oblique triangles; the unit circle; vectors; sine, cosine, and tangent functions and their applications; inverse trigonometric functions, identities; and the trigonometric form of complex numbers. The student will

also solve conditional trigonometric equations as well as application and modeling problems related to the above topics.

PRE-CALCULUS

Grade: 11-12; Elective; Full Year; 1 credit.

Prerequisites: Algebra II & Geometry

This course is the study of trigonometry and linear algebra. Pre-calculus is a course for the student who is planning to attend a four-year college. A strong background in algebra and geometry is highly recommended. The first semester students will study trigonometry and the second semester will be the study of various topics. The following topics are covered in trigonometry: 1. Functions; 2. Graphing circular functions; 3. Triangles; 4. Trigonometric equations and their graphs; 5. Polar coordinates and graphs. The following topics are covered in semester 2: 1. Complex numbers; 2. Exponential and Logarithmic Functions; 3. Sequences and series; 4. Combinations and Probability; 5. Statistics; 6. Other topics such as fractals, linear programming and matrices, and differentiation will be covered as time permits.

CALCULUS – AP

Grade: 12; Elective; Full Year; 1 credit.

Prerequisites: Pre-Calculus or College Algebra/Trigonometry

This course is designed for prospective mathematics majors and students interested in engineering, computer science, physics, business or life sciences. The following topics are covered throughout the year: 1. Limits; 2 Derivatives; 3. Antiderivatives; 4. Integrals; 5. Parametric Equations; 6. Fluid Dynamics; 7. P-Series. Other topics such as slope fields, polar and vector functions, logistic growth, and piecewise integration will be covered as time permits.

MUSIC

CONCERT BAND

Grade: 9-12; Elective; Semester or Full Year; 1/2 or 1 credit

Prerequisite: None

Concert band is open to students in grades 9-12. Members of this organization also make up the Pep Band which plays at athletic events throughout the year. Students in Concert Band are required to be at all performances.

CONCERT CHOIR

Grade: 9-12; Elective; Semester or Full Year; 1/2 or 1 credit

Prerequisite: None

Concert choir is open to students in grades 9-12. Concerts are set up throughout the school year with the winter and spring concert being the main ones. Students in Choir are required to be at all performances.

NATURAL SCIENCE

PHYSICAL SCIENCE

Grade: 9; Required; Full Year; 1 credit

Prerequisite: None

Physical science is an introductory course to the sciences of chemistry and physics. Topics included are: the metric system, the world of matter, the structure of the atom, chemical names, formulas, balancing equations, acid/base chemistry, mechanics, wave motion, sound, light, heat, magnetism, electrostatics, and current electricity. The techniques and procedures used by chemists and physicists are emphasized. Students are provided the opportunity to understand, to appreciate, and to relate the interaction of matter and energy in their physical environment through a variety of classroom experiences. Hands-on laboratory investigations are emphasized.

BIOLOGY

Grade: 10; Required; Full Year; 1 credit

Prerequisite: Physical Science

Biology is the study of living organisms and the unique properties which set them apart from the non-living world. These properties are studied at the molecular level and then at the cellular level. From the molecular/cellular level, students progress to genetics, classification, microbiology, multicellular plants, invertebrate animal life then vertebrate animal life. Throughout the year the topics of biological populations, ecology, and the development of an "appreciation for nature" are mixed into their studies of the Biological world.

Concepts and principles will be taught with lecture/discussion and laboratory investigations. Laboratory investigations range from simple observations to the extraction of DNA from human cells.

APPLIED BIOLOGY/CHEMISTRY

Grade: 11-12; Elective; Full Year: 1 credit

Prerequisite: None

Applied Biology/Chemistry consists of instructional units presenting the scientific fundamentals of biology, chemistry, and physics that provide a foundation in applied science. This application-oriented, hands-on approach will assist the student to make the connection between abstract ideas and concrete experiences. With this fundamental basis in science the student will gain a better understanding of how science works in the every-day environment.

ANATOMY AND PHYSIOLOGY

Grade: 11-12; Elective; Full Year; 1 credit

Prerequisite: Biology

Human Anatomy and Physiology is an advanced course designed for the study of the structure and function of the human body. This course includes studying cell biology, cell specialization, biochemistry, and the ten body systems. All of these systems of the body are again reviewed in the dissection of the pig. Students planning further education in areas of biology and medicine should take this course.

CHEMISTRY

Grade: 11-12; Elective; Full Year; 1 credit

Prerequisite: Algebra I, Physical Science and must be enrolled in or have already passed Algebra II

Chemistry is the study of matter and the changes matter undergoes. The topics covered include: atomic structure, the periodic table, chemical bonding, acids and bases, the mole concept, quantitative relationships, and nuclear chemistry. It is designed for a wide range of academic abilities and post-secondary interests. This course will serve as an excellent preparation for college level freshmen chemistry. Hands-on laboratory investigations are emphasized.

PHYSICS*

***Even years only (Not offered for the 2017-18 school year)**

Grade: 11-12; Elective; Full Year; 1 credit

Prerequisite: Algebra I, Physical Science and must be enrolled in or have already passed Algebra II

Physics is the study of energy, matter, and their interaction. The following topics describe the emphasis of the course: motion, one and two-dimensional kinematics, energy and simple machines, momentum and collisions, rotational motion, energy conservation, circuitry and magnetism. Preparation for freshman level college physics will be completed. Math and problem-solving skills will be an integral part of the physics program. Hands-on laboratory investigations are emphasized.

BOTANY / HORTICULTURAL

(SCIENCE OR AG CREDIT – NOT BOTH)

Grade: 11-12; Elective; Full Year: 1 credit

Prerequisite: None

This course will prepare students for careers in the horticulture industry. The course will examine the importance of plant cell structures, functions of cells, plant process, nonvascular plants, vascular plants, roots stems, leaves, flowers, and reproduction of plants. Additional topics to be covered include soils, plant identification, plant pathology, and plant entomology. Students will spend time working in the school greenhouse putting into practice greenhouse management skills as they prepare plants for different projects and sales throughout the year. The landscape design portion of the course will prepare students to design, construct, and maintain planted areas for the beautification of home grounds and other areas of human habitation and recreation. Additionally, the course will cover elements of floral design, grafting, plant propagation, and agribusiness.

PHYSICAL EDUCATION AND HEALTH

HEALTH

Grade: 9; required; Semester; 1/2 credit

Prerequisite: None

This course is designed to build upon the middle school health course. Health is designed to enable our students to be responsible, respectful, informed and capable when making decisions that impact the well-being of themselves and others. Health

areas to be explored include making responsible decisions; communicating effectively; mental & emotional health; building self-esteem; adolescence relationships & responsibilities; drugs, alcohol and tobacco; human sexuality; Family relationships, preventing abuse & violence; and peer pressure. Health is a course designed to help ninth grade students learn the skills necessary for living. This course will stress the importance of maintaining good health.

PHYSICAL EDUCATION 9

Grade 9; Required; Semester ½ credit

Prerequisite: None

This class will expose the student to lifelong fitness through fitness training, team and individual sports. The students will be tested in a variety of fitness skills two times per semester.

PHYSICAL EDUCATION 10-12

Grade 10-12; Elective ½ credit

Prerequisite; None

This class will continue to emphasize long fitness through fitness training, individual, and team sports. The student will also be introduced into goal setting and journal writing. The students will be tested on physical fitness skills two times per semester.

WEIGHT LIFTING

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

Students will learn the basics of weight training; lifting techniques, spotting, and safety issues. Students will be introduced to different lifting schedules, circuit training, Olympic lifts, plyometric and agility training.

SOCIAL SCIENCE

WORLD GEOGRAPHY I

Grade: 9-12; Elective; Semester; 1/2 credit

Prerequisite: None

World Geography I will inform students about the world and help them develop an understanding of the geographical and historical background of major world regions. Students will study major regions of the world as directed by the teacher and/or current world events. The students will take active part in discussions, research, readings, and various projects throughout the year. Students will build on their basic geographical skills as they study the five themes of geography and the globalization of cultures.

NORTH DAKOTA STUDIES

Grade 9; Elective; Semester; 1/2 credit

This class is offered to the 9th grade and will cover a time frame from life in North Dakota in prehistoric times to life on the plains; hunting and trapping; early settlement from 1878-1914, the dust bowl of 1929, and times from 1945 to the present.

WORLD HISTORY

Grade: 10; Required; Full Year; 1 credit

Prerequisite: None

World History will study man from the earliest civilizations to the present. This course will direct students toward those areas of the world that have had the biggest influence on Western Civilization. Students will also use newspapers and websites to investigate historical happenings.

UNITED STATES HISTORY

Grade: 11-12; Required; Full Year; 1 credit

Prerequisite: None

The first semester will cover pre-Civil War to the end of World War I. The second semester will cover the 1920's to the present. In class the students will be using primary and secondary sources to examine varying ethical issues in our past. Students will not only gain knowledge from the book and what it offers, but also by exploring the Internet. Through discussion, lecture, readings and films the students will gain insight not only into the past of America, but insight into themselves as well. Students will also explore the Internet. Programs to prepare students for life include the Electronic Model Congress and the Stock Market Game. Both programs prepare the students for lifetime situations, communication skills, and technological skills.

AMERICAN GOVERNMENT

Grade: 11-12; Required; Semester; 1/2 credit

Prerequisite: None

This course will study of the U.S. Government and related issues. Students will study the origins and various levels of government in our society and how this information relates to current wants.

ECONOMICS

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

This class is an introductory course in economics which will explore choice making, as well as the components and characteristics of the American Market Economy, the student will examine the basic principles of supply/demand economics, business and market structures and the role of government in our economy today. Students will research the various economic systems, participate in a stock market simulation, create graphs, and the role of government in economics.

PSYCHOLOGY

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisites: None

Psychology is the study of human behavior and this course studies the various reasons for human behavior. Although this class does contain a great deal of information, it only introduces students to the subject of psychology. This course is a college prep class and will challenge students who are college bound.

SOCIOLOGY

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

Sociology is the study of our society, other societies and the interaction of people in groups. Emphasis will be placed on problems existing within our society and the factors

which influence group behavior. Although this class does contain a great deal of information, it only introduces students to the subject. This course is a college prep class and will challenge students who are college bound.

WORLD CULTURES

Grade: 11-12; Elective; Semester; 1/2 credit

Prerequisite: None

In this course students will study the major regions of the world as directed by the teacher and/or current world events (examples are the Persian Gulf War and the study of the Middle East; and the breakup of the Soviet Union). The students will take active part in discussions, research, readings, and various projects throughout the year. Students will build on their basic geographical skills as they study the five themes of geography and the globalization of cultures. In addition, students will learn how the elements of culture lead to diversity among the various cultures of the world.

OTHER COURSE OFFERINGS

SEEC and NDSCS

The SEEC in partnership with NDSCS offers a variety of online courses that you may be interested in. If you would like more information please see the guidance counselor.

LEADERSHIP

Grade: 10-12; Elective; Semester; 1/2 credit

Prerequisite: None – Preference given to upperclassmen

This class on leadership is designed to strengthen students' personal and group leadership skills. In this class, we will talk about being a positive member of a team, school, and community. This course will cover personality testing, leadership styles, motivation and training, employee and sports recruitment, and current events. Students will practice effective communication (both in a group and in front of the class), human relations, decision making, and reading and writing skills. Leadership will involve reading various books about leaders, writing a leadership essay, and interviewing positive figures throughout our school and community. At the end of the class, students will have a better understanding of what it means to leave a positive impression, while also taking great pride in being a Viking.