

# CLASS DESCRIPTIONS

## AG

Agricultural Education is comprised of a three circle model including instruction/lab, FFA, and SAE (Supervised Agricultural Experience) program. Agriculture Education is a comprehensive career/technical program designed to give students competencies in the areas of plant science, livestock production & nutrition, agricultural business, public relations, cold metals, woodworking, agronomy practices, food science, and leadership development. FFA contests are based on classroom topics, so it is highly recommended students take an active interest in the National FFA Organization.

### **Agriculture Education I**

Grades: 9-12

1 credit – 2 semesters

This course is designed to give students a basic introduction to the entire agricultural world around us. Students will get several opportunities for hands-on activities. Knowledge and skills developed in this course are useful for all students later in life; whatever future plans and career they choose. The development of foundation leadership skills is an important part of this course. Topics covered include Leadership Development (FFA), woodworking, Ag Business, Agronomy, Plant Science, Animal Nutrition, Livestock Production, Food Science & Cold Metals.

### **Agriscience Technology**

Grades: 9-12

1 credit – 2 semesters

**Prerequisite:** Preference would be given to students who have been in Ag I

This course is designed for students who want to develop the skills needed to be successful in a technology based career. As we move forward in Agriculture, the more technology will be utilized. Students would develop practical knowledge with the CNC mill, laser engraver, hydraulics/pneumatics, video editing, and the vinyl cutter.

### **Agriculture Education II**

Grades: 10-12

1 credit – 2 semesters

**Prerequisite:** Ag I

This course is designed to build upon the lessons taught in Ag I. In this class, students will get to use a wider variety of tools and equipment in the lab. This course incorporates general class information to teach students about meat science, woodworking, welding, parliamentary procedure, environmental & natural resources, agricultural sales, livestock reproduction and an introduction to horticulture unit. The primary goal of this class is to expose students to hands-on experiences in the lab.

### **Community Development**

Grades: 10-12

1 credit – 2 semesters

**Prerequisite:** Preference would be given to students who have been in Ag I or Ag II

If you are looking for a hands-on class that encourages you to choose what you want to learn, this is the course for you! This course will help you understand the fundamentals of community development and needs. You will have the opportunity to study the community development process and select, plan, and implement a community development projects. Project-based, Inquiry-based and service learning are integral to the success of this course.

### **Ag Mechanics I**

Grades: 11-12

1 credit – 2 semesters

**Prerequisite:** Ag II

This advanced course would expand students' knowledge of practical ag mechanics as well as problem solving skills. This course would cover woodworking, welding, plumbing, electricity, precision ag, and small engines.

### **Agriscience I**

Grades: 11-12

1 credit – 2 semesters

**Prerequisites:** Ag I & Ag II

This course is designed to expand student's knowledge of the agriscience industry. Students would partake in hands on, inquiry based lessons, in food science, animal science, agronomy, and ag processing.

### **Co-op**

Grades: 11-12

½ credit

**Prerequisites:** Ag I & Ag II

This course would follow the same protocol as the current Summer SAE Program. Students would earn credit during the school day for working a job within the community, which would have to be approved by the student, the teacher, the parents, and the business owner. This could be a paid or non-paid jobs. Students would need to complete 150 hours with the other time spent in the classroom developing their record books and learning about Ag Business.

## **ART**

### **Art I: Basic Drawing Techniques**

Grades: 10-12 (1st Semester – ½ Credit)

Still life, perspective, life drawing, texture, line, weekly sketch due homework assignment.

### **Art II: Painting**

Grades: 10-12 (2nd Semester – ½ Credit)

Techniques in paint, tempra, acrylic, watercolor, pastels, chalk, oil, printmaking, sketch due weekly homework assignment.

### **Art III: Color Expressions**

Grade: 11-12

1 credit – 2 semesters

Prerequisite: Art I and Art II

Painting techniques, watercolor/ink, collage, clay, three dimensional art.

Study of various artists from different periods in history, studio art, using art techniques of artist.

## **BUSINESS EDUCATION**

### **Accounting I**

Grades: 9-12 (1<sup>st</sup> Semester – ½ Credit)

This course will introduce students to accounting principles through a combination of subject matter and practice experiences. The content concerns the principles of accounting terminology, concepts, and procedures. Students will receive the basic knowledge necessary to keep records for a sole proprietorship service business and that of a partnership.

### **Accounting II**

Grades: 9-12 (2<sup>nd</sup> Semester – ½ Credit)

**Prerequisite** - Accounting I

This course provides students with a detailed accounting knowledge of partnership and corporate accounting. Students will be using an automated accounting software for all fiscal period work.

### **Accounting III**

Grades: 10-12 (1<sup>st</sup> Semester – ½ Credit)

**Prerequisite** - Accounting I and II

This course is designed to help the student acquire a more thorough knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Students will develop skills in analyzing and interpreting information common to partnerships and corporate forms of organization, preparing formal statements and supporting schedules, and using inventory and budgetary control systems. Computer applications will be integrated in each appropriate instructional unit.

### **Accounting IV**

Grades: 10-12 (2<sup>nd</sup> Semester – ½ Credit)

**Prerequisite** - Accounting I, II, and III

With the background of the accounting cycle and the different business structures, students will analyze and interpret financial information. Studies will include international accounting principles and accounting for not-for-profit organizations. Emphasis will be placed on decision-making and accounting ethics in preparation for entry-level accounting positions.

### **Keyboarding**

Grade: 9 (.25 Credit)

9 weeks

Keyboarding, Internet Skills and Office 365 email

Textbook - Century 21 Keyboarding and Information Processing,

Office 2011 for the Mac

The class will practice to improve speed, skill building, computer operations and the Microsoft Word application. Students will learn to format business letters, memorandums, tables, and reports. The students may complete a report based on the Internet research and use the MLA format style. We will also practice using Web based email, sending attachments, and Google search techniques.

**Business Fundamentals** – (paired with Entrepreneurship)

Grades: 9-12 (1<sup>st</sup> Semester – ½ Credit)

Textbook – Intro to Business (Ed: 7e) by Dlabay, Burrow, Kleindl

This course is designed to help students gain an understanding of the economic environment in which we all live. An introductory study of business ownership and organization; how business meets consumer needs and wants, economic principles, desirable business practices, and awareness of career opportunities in the field of business. If available through the North Dakota Securities Department, we will play the Stock Market game for 10 weeks.

**Entrepreneurship** – (paired with Business Fundamentals)

Grades: 9-12 (2<sup>nd</sup> Semester – ½ Credit)

Textbook – Intro to Business (Ed: 7e) by Dlabay, Burrow, Kleindl

This course is designed to help extend students knowledge of investment opportunities in the stock market, real estate, and business. Students will learn about personal business skills including consumer buying, money management, credit, banking, saving and insurance. Emphasis is placed on technology and financial management as well as exposure to the opportunities in entrepreneurial business. Time will also be spent completing a simulation where students will use budgets, checking accounts as well as record keeping. If available through the North Dakota Securities Department, we will play the Stock Market game for 10 weeks. We may also use EverFi for Financial Literacy if it is provided by the First State Bank.

**Word Processing**

Grades: 9-12 (1<sup>st</sup> Semester – ½ Credit)

Word and PowerPoint Applications

Textbook – Microsoft Office 2011 for the Mac

This course is designed to help students improve productivity with more efficient, timesaving ways of producing documents using Word and PowerPoint. The course combines instruction and practice in document composition, formatting, proofreading, and editing skills. There will also be time spent on advanced Word features such as mail merge, footnotes and styles. The students will spend approximately 12 weeks using the Microsoft Word program and 4 weeks learning Microsoft PowerPoint.

**Spreadsheets**

Grades: 9-12 (2<sup>nd</sup> Semester – ½ Credit)

Excel Spreadsheets and Integrated Projects

Textbooks – Microsoft Office 2011 for the Mac, Integrated Business Projects

The students will spend approximately 10 weeks learning to use the spreadsheet program, Microsoft Excel. This course will develop skills in designing worksheets, writing formulas, analyzing, charting and managing data. The remainder of the semester will be dedicated to integrated projects using Excel, PowerPoint and Word.

**Multimedia 1**

Grades: 10-12 (1st Semester – ½ Credit)

Adobe Photoshop (Basic), Lightroom, iPhoto, iMovie, Photos, Garageband, Adobe Animate  
Textbooks - Adobe Classroom in a Book Series, Apps from the App Store

The course will begin with basic image editing and manipulation using a combination of the Photos App and Adobe Photoshop and Lightroom. A variety of projects will be completed once the interfaces have been studied. The course will also involve working with a combination of images and video for movie creation. We will use the iMovie and the Garageband programs and upload projects to the Internet. Students will also use video cameras (iPads and smart phones) to make their own movies. During the 2<sup>nd</sup> part of the semester, we will learn the Adobe Animate program.

## **Multimedia 2**

Grades: 10-12 (2<sup>nd</sup> Semester – ½ Credit)

Adobe Photoshop (Advanced), Adobe Bridge, Adobe Illustrator, Adobe InDesign, Adobe Muse  
Textbooks - Adobe Classroom in a Book Series, InDesign by Terry Rydberg, and Apps from the App Store

The course will cover popular Adobe software such as Illustrator, Photoshop and Bridge. We will learn more advanced image editing and manipulation than completed in the 1<sup>st</sup> semester course. A variety of projects will be completed once the interfaces have been studied. The course will also involve working with Adobe InDesign for projects involving layout and design. If the Creative Writing class is available, we will create a children's book for printing and distributing. As time allows, other Adobe products would be introduced.

## **Personal Finance 1**

Grades: 10-12 (1<sup>st</sup> semester – ½ Credit)

Textbook – Managing Your Personal Finances by Joan S. Ryan  
Excel Spreadsheets

The course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include career decisions, money management, financial security and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance; and evaluate and understand taxes. This course will provide a foundational understanding for making informed personal financial decisions. If available through the North Dakota Securities Department, we will play the Stock Market game for 10 weeks.

## **Personal Finance 2**

Grades: 10-12 (2<sup>nd</sup> semester – ½ Credit)

Textbook – Managing Your Personal Finances by Joan S. Ryan  
Excel Spreadsheets

The course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include credit management, resource management, risk management and consumer rights and responsibilities. Students will study credit cards and scores, housing and auto choices as well as insurance. This course will provide a foundational understanding for making informed personal financial decisions. If available through the North Dakota Securities Department, we will play the Stock Market game for 10 weeks. We may also use EverFi for Financial Literacy if it is provided by the First State Bank.

## ENGLISH

**English 9 Literature:** Required for all Freshmen

Grade: 9

1 credit – 2 semesters

An introduction to the various aspects and styles of literature. A general study of the basic grammar elements of the English language.

**Prerequisites - none**

Recommendation - Ability to read at or near grade level

**English 10 Literature:** Required for all Sophomores

Grade Level: 10

1 credit – 2 semesters

A general study of fiction and nonfiction works. A review of the basic grammar elements of the English language with an emphasis on using those elements in a variety of introductory writing activities. i.e. Correctly punctuated sentences, paragraphs, and short essays.

This course is NOT intended to be a repeat of English 9; however, the expertise of the students in each class as a whole will determine how much repetition if any is necessary before the writing experiences are emphasized.

**Prerequisite - Credit earned in English 9**

**English 11 (American Literature):** Required for all Juniors

Grade Level: 11

1 credit – 2 semesters

A general study of American literature and its relationship to history. A knowledge of the grammatical elements of sentence and paragraph construction is assumed. The textbook used provides access to any referential grammatical information needed to correctly compose a variety of written projects. Assignments will be given to remind students of the basic grammar concepts used in the past, but an emphasis will be placed on introducing the type of writing that will be encountered as seniors in high school and as college students. i.e. term papers (required in Jr. Social studies), resumes, essays, etc.

**Prerequisite - Credit earned in English 10**

**English 12:** Elective to meet English Requirement

Grade Level: 12 (1<sup>st</sup> Semester – ½ Credit)

A knowledge of the elements of grammatical construction is assumed. Emphasis will be placed on practicing and using correct writing and speaking skills that will be necessary after graduation. The ability to communicate in both written and oral situations will be emphasized. Whether or not a student goes on to college, he must be able to communicate socially and professionally in an acceptable manner. The ability to use correct grammar in speaking and writing situations will be stressed through requiring that students prove their expertise in spelling tests, vocabulary tests, speed reading proficiency activities, resume writing, essay writing, letter writing, etc.

**English 12 (British Literature):** Elective to meet requirement

Grade Level: 12 (2<sup>nd</sup> Semester – ½ Credit)

A general study of British literature and its relationship to history.

Recommendations: Suggest passing previous English Grammar courses

**Modern Literature:** Elective to meet English requirement

Grade Level: 12 (1<sup>st</sup> Semester – ½ Credit)

A general study of novels by worldly authors.

**Prerequisite - A “B” average in high school English courses.**

Recommendation - Ability to read on or above grade level and self-motivation for subject

**Creative Writing:** Elective to meet English Requirement

Grade Level: 12 (2<sup>nd</sup> Semester – ½ Credit)

This course is designed as a guided study of the correct grammatical construction of written and oral communication. There will be a variety of required writing assignments which will demonstrate the student's proficiency. There will also be an independent reading assignment which will have a written project to coincide with it.

**Prerequisite: None**

Recommendations: A “B” average in previous English courses.

## **FAMILY AND CONSUMER SCIENCE (FACS)**

### **Family And Consumer Science I**

Grade Level: 9 - 12

1 Credit – 2 Semesters

FACS 1 covers the 1) developing child and the skills needed to nurture the successful growth and development of children; 2) foods, nutrition and basic cooking, 3) beginning sewing skills; and 4) how to be a better you. Students will be trained in a food safety course. The course includes many fun activities, hands on projects and labs. It is a comprehensive course designed to give students experience in the main areas of family and consumer science and their related careers.

### **Family And Consumer Science II**

Grade Level: 10 - 12

1 Credit – 2 Semesters

FACS II is a comprehensive course designed to give students further experience in the main areas of Family and Consumer Science and their related careers: Housing, Personal & Family Life, Textiles, and Foods & Nutrition. This course focuses on housing to meet lifestyle/family goals, home styles and home furnishings, real world interior designing, and the creating of personal living environments. Devising a 3D foam board bedroom project and completing a housing scavenger hunt are included in the curriculum. Students will complete sewing projects. The course also includes a more in-depth study of meal choices, the influences of nutrition on health and diseases, and food preparation.

Foodie Friday and cooking competitions such as *Chopped* and *Food Truck Face Off* are integrated. Labs, hands on activities and projects are designed to enhance learning.

**Prerequisite: FACS I**

### **Child Development**

Grade Level: 11-12 (1<sup>st</sup> Semester – ½ Credit)

Child Development is an in-depth class that focuses on reproduction, prenatal development, and the newborn. Students will demonstrate ways of providing an environment for the optimum growth and development of a child. Current issues relating to children and families will be addressed. Sources of support and assistance will be explored. The “Baby Think It Over” and “Empathy Belly” projects are integral learning experiences of this course.

**Prerequisite: FACS I**

### **Fashions & Clothing**

Grades: 11-12 (2<sup>nd</sup> Semester – ½ Credit)

Fashions & Clothing will explore the history of clothing, cultures, and customs, recognize the contributions of fashion designers (past & present), and provides an in-depth look at the fashion industry. Students will learn about fabrics, how to buy and care for clothing, and evaluate fashion-related careers. Students will utilize basic sewing skills and creativity hands on design and construction projects.

**Prerequisite: FACS I**

## **GENERAL ELECTIVE**

**Basic Speech:** Elective

Grades: 11-12

Students can take this course 1<sup>st</sup> semester, 2<sup>nd</sup> semester or all year long

This course is designed to help students logically organize their thoughts and express those thoughts effectively in spoken form by presenting several different types of speeches.

**Prerequisite - None**

Recommendation - A “C” average in high school English classes

## **MATH**

**Pre-Algebra**

Grade: 9

1 Credit – 2 Semesters

This course is intended to prepare the student to take Algebra. Basic Algebraic concepts are involved, along with practice on working with fractions, geometry & probability.

Prerequisite: Recommendation by the Principal



Recommendation: Should only be taken by students who struggle with Algebraic concepts.

### **Algebra I**

Grades: 9-12

1 Credit – 2 Semesters

An introduction to the vocabulary, properties, and methods of algebra.

**Prerequisite: None but it is assumed students have a general knowledge of arithmetic.**

Recommendations: Good study skills are very important.

### **Geometry**

Grades: 10-12

1 Credit – 2 Semesters

Geometry will include the study of geometric structure, congruence, similarity, and measurement. It will also include reasoning and proof.

**Prerequisites: Algebra I**

### **Advanced Algebra**

Grades: 10-12

1 Credit – 2 Semesters

An extension of the material covered in Algebra I including some Trigonometry topics

**Prerequisites: Algebra I**

Recommendation: A “C” or better in Algebra I

### **College Algebra**

Grade: 11-12

1 Credit – 2 Semesters

A study of functions, trigonometry, vectors, matrices, and an introduction to Calculus. Graphing calculators will be used throughout the course.

**Prerequisites: Advanced Algebra**

Recommendation: A “C” or better in Advanced Algebra

### **Consumer Math**

Grades: 11-12

1 Credit – 2 Semesters

Consumer Math is an attempt to expose individuals to the uses of mathematical skills in a variety of consumer situations, including income tax, personal finance and business math.

## **MUSIC**

### **Choir**

Grades: 9-12

1 Credit – 2 Semesters

Students who are in choir will have the opportunity to audition for the school swing choir if they so choose. The concert choir will perform at three concerts and one festival throughout the school year.

Only members of the choir will be allowed to audition for the swing choir and the school musical.

### **Band**

Grades: 9-12

1 Credit – 2 Semesters

Students who participate in band will perform at three concerts throughout the school year. The band will also march during homecoming and for the Memorial Day parade.

Only band members will be chosen by the director to perform in the jazz band.

## **PHYSICAL EDUCATION**

### **General P.E.: Required**

Grade: 9

½ Credit – 1 semester

This course is designed specifically to teach and develop fundamental skills used in various exercises that deal with flexibility, agility, coordination, strength and endurance. The course also teaches the importance of developing and maintaining a physically active lifestyle and proper nutrition. Area's covered: fitness testing, rhythm and dance, jump rope, plyometrics, body awareness and flexibility, cooperative activities, and sport specific activities such as volleyball, basketball, flag football, softball, badminton, and more.

Prerequisite: none

### **General P.E. 200:**

Grade: 10

½ Credit – 2<sup>nd</sup> semester course

This course is designed to teach individual, dual, and team activities. This course again stresses the importance of developing and maintaining a physically active lifestyle through regular exercise and proper nutrition. Areas covered: dance, walk/run, tennis, frisbee activities, yoga, badminton, pickleball, flag football, volleyball, basketball, softball, and more.

### **Prerequisite: General P.E. 100**

This is an elective class which receives a letter grade.

### **Lifetime Leisure and Sport**

Grades: 11-12

Offered 1<sup>st</sup> and 2<sup>nd</sup> semester - 1/2 credit each semester

This is a course which stresses the importance of developing and maintaining a physically active lifestyle through various lifetime leisure activities. Area's covered: yoga, frisbee golf, yard games, hiking/walking, weight training, fitness, and more.

**Prerequisites: General P.E. 100**

This is an elective class which receives a letter grade.

**Weight Training**

Grades: 11-12

Offered 1<sup>st</sup> and 2<sup>nd</sup> semester (if enough interest) - 1/2 credit each semester

This course is designed specifically to help students learn proper weight lifting techniques. Student will learn a variety of free weight lifts, plyometrics, agility and speed training drills as well as cardio-conditioning. The course teaches the importance of a healthy diet, proper hydration, and sleeping patterns and their effects on performance. Students are required to design and implement their own workout template by the end of the semester. Students will also create a customized workout plan for another individual.

**This is a graded course.**

**Health I:**

Grades: 11-12

1<sup>st</sup> Semester – ½ Credit

This is a course which will cover the basics of health covering the various systems of the body, how they work individually and in conjunction to each other with an emphasis on the reproductive system; the importance of proper diet and exercise and how they play a major role in an individual's health.

**This is a graded course.**

**Health II:**

Grades: 11-12

2<sup>nd</sup> Semester – ½ Credit (students can take this class without Health I completed)

Students follow the HealthSmart curriculum, which helps develop skills necessary for a healthy lifestyle. Topics include mental and emotional health; HIV/AIDS; abstinence and safe sex; tobacco, alcohol, and drug prevention; violence and injury prevention.

**This is a graded course.**

**SCIENCE****Biology: Required**

Grade: 9

1 Credit – 2 Semesters

This life science course focuses on the function, structure and development of plants and animals. Genetics, ecology and evolution are also included. The course includes many hands on projects and labs designed to get the student involved with the life around them.

**Physical Science: Required**

Grade: 10

1 Credit – 2 Semesters

An introductory study of chemistry and physics with each taking up approximately one semester. Students will learn how to use laboratory equipment, exercise proper laboratory techniques and exhibit laboratory safety.

**Real World Science: Elective**

Grades: 11-12

1 credit - 2 Semesters

This course offers an overview of many scientific disciplines, including anatomy, microbiology, forensics and chemistry. These topics will be explored through experiments and hands-on activities. This is a low-math course with an emphasis on learning fundamental science vocabulary and root-words.

**Horticulture: Elective**

Grades: 11-12

1 credit – 2 semesters

This course is designed to provide students knowledge about the horticultural industry including botany, floriculture, landscape, turf grass management, pesticides, soils, and identification of trees and plants. Students will be given the opportunity to put what they learned to use in functional hands-on activities. Students will also enjoy working in the greenhouse from seeding to watering to propagating plants.

**Human Anatomy: Elective**

Grades: 11-12

1 credit - 2 Semesters

This course is intended for those students showing a special interest in the biological sciences and health and is beneficial for those planning on a health related career. Emphasis is placed on learning the intricate anatomy and function of the human body. Hands on lab activities include dissection of a cat and other animal structures as well as labs pertaining to the human body. This is a college level course and will be taught as such.

**Recommendation: B Average in Science Classes**

**Chemistry: Elective**

Grades: 11-12

1 Credit - 2 Semesters

This course deals with the structure and composition of materials and the changes in composition of these materials. Topics included are structure of the atom and periodic law; chemical formulas and equations; properties of solids, liquids, and gases; solutions and suspensions including acids, bases, salts, chemical reactions, families of elements and their compounds. Chemistry is often required for students pursuing medical careers or wanting to attend a 4 year University.

**Prerequisites: Physical Science, Biology, and Algebra I; earn a C in the Chemistry unit of sophomore Physical Science**

**Physics:**

Grade: 12

1 Credit – 2 Semesters

Physics covers motion and acceleration, forces and vectors, work and machines, states of matter, wave motion, and electricity. An emphasis is placed on mathematical application and experimentation. Physics also covers coding as it relates to robots and machines using Spheros, LEGO EV3 units, and the SMARTLab.

**Prerequisite: Advanced Algebra, earn a B in the Physics unit of sophomore Physical Science, and pass all previous science courses**

**Advanced Biology:**

Grades: 11-12

1 Credit – 2 Semesters

Available as College Dual Credit Course

This is a dual credit college level course through NDSCS. This course is intended for students showing increased interest in the biological sciences. The course is lecture based with simple labs scattered throughout and because it is a college level course, the course is more rigorous than most high school courses with a large emphasis on reading, note taking and understanding of simple biological principles at a deeper level. Concepts are based on the evolutionary basis of biology and ideas include ecology, genetics, cellular biology, chemistry of biology and zoology.

**Prerequisites: Biology, B average in all science courses taken previously and a strong understanding of simple biology concepts taught in general biology course.**

**SOCIAL STUDIES**

**World History: Required**

Grade: 10

1 Credit – 2 Semesters

This course is a comprehensive study of the world from The Dark Ages until the present day. Students will be exposed to differing social and political structures from cultures around the world. The course will cover major revolutions and events that have shaped our modern world.

**United States History: Required**

Grade: 11

1 Credit – 2 Semesters

This course will provide a general survey of United States history from the Post-Civil War era through the contemporary world. Students will become familiar with the general shape of America during these periods, as well as major political, social, economic, cultural, and intellectual ideas throughout the year. This course will also provide students with opportunities to develop and explore their own ideas as they relate to American history, as well as to think and write critically and persuasively.

**Economics: Required**

Grade: 12

1<sup>st</sup> Semester – ½ Credit

This course will provide a general survey of economics and ways in which economic decisions affects our lives everyday. Students will learn basic economic principles as they relate to supply and

demand, prices, and market structures. Students will become familiar with basic economic terms and principles and will discover that the world is full of economic questions. Students will also learn to think appreciate an economic way of thinking which will allow them to leave the classroom a more educated and successful consumer.

**American Government: Required**

Grade: 12

2<sup>nd</sup> Semester – ½ Credit

This course will provide a general survey of the American government and its processes. Students will become familiar with the basic functions, structures, procedures, and problems of federal, state, and local governments. This course will provide students with opportunities to understand recurring principles, practices, and patterns of politics. Having learned how politics affect their lives every day, students can become informed participants at the local and national level.

**North Dakota Studies: Elective**

Grades: 11-12

1<sup>st</sup> Semester – ½ Credit

This course will provide a general study of North Dakota in an effort to promote the teaching of citizenship to North Dakota students. Students will become familiar with several topics unique to North Dakota over the length of the course, which is designed to be a comprehensive discussion of North Dakota's geography, agriculture, history, government, and current issues.

**World Geography: Elective**

Grades: 11-12

2<sup>nd</sup> Semester – ½ Credit

This course is a general study of World Geography. The major areas of study will be Eastern Europe, The Middle East, and Africa. The course will study physical landscape of places, and political boundaries. The course will also cover the topic of human geography, and history of the areas in which we study. Students will study the different government types and religions that cover our world.

**Psychology: Elective**

Grades: 11-12

Students can take this course 1<sup>st</sup> semester, 2<sup>nd</sup> semester or all year long

This course will provide an introduction to the science of the mind and the study of behavior. The course will also offer students the opportunity to study how we perceive, learn, remember, solve problems, communicate, feel, and relate to other people. Students will also attempt to understand, measure, and explain the nature of intelligence, motivation, and personality.

**SPANISH**

**Spanish I**

Grades: 9-12 (In addition, 0 hour Spanish I can be taken from 7:45-8:25 am)

1 Credit – 2 Semesters

Introduces the student to the language by means of listening to the spoken language, by participating in oral and written exercises, by learning basic grammatical constructions, and by conversing on an elementary level.

### **Spanish II**

Grades: 10-12

1 Credit – 2 Semesters

Review of the first year basic skills plus an introduction to additional grammar and idioms. Increased vocabulary study and emphasis on conversational development.

**Prerequisite: Spanish I**

**Recommendations: At least a “C” average in Spanish I**

### **Spanish III**

Grade: 11-12

1 Credit – 2 Semesters

Reading in Spanish and Spanish-American literature and composition, as well as more advanced conversation, are emphasized.

**Prerequisites: Spanish I and II**

**Recommendations: At least a “C” average in Spanish I and II**

## **STUDY HALL**

A student chooses to register for a study hall. Study halls are not forced upon students. Consequently, it is the duty of all study hall teachers to insure that the study hall is a quiet and constructive place to work.

Study halls are provided for students as a place for completion of assigned homework, study of current work, and/or review of completed work.

## **TECHNOLOGY EDUCATION AND ENGINEERING**

### **Foundations of Technology**

Grades: 9-12

1 Credit – 2 Semesters

Technology consists of key concepts and processes. Students learn that technology is the basis for all that we have and do. Students design and develop innovations and engineer solutions to gain an understanding of technology and engineering concepts. English, History, Mathematics and Science contribute to the unit topics.

### **Construction Techniques**

Grades: 11-12

1 Credit – 2 Semesters

An introductory class to woodworking in which you learn woodworking basics. The class uses materials for projects that are purchased by the SRCTC for everyone to do the same project.

**Prerequisites: None**

### **Technology and Society**

Grades: 10-12

1<sup>st</sup> Semester Course – ½ Credit

This course is designed to teach students to think and act in better ways about the design, construction, use, and disposal of technologies in everyday life. Students learn and practice the skills of decision-making, questioning authorities and texts, distinguishing between fact and opinion, and humanitarian design. This course prepares today's students to make tomorrow's decisions. In conjunction with other engineering design courses, students will be better prepared to guide discussions about the current and future uses of technology. Technological issues are not solely technical in nature. Attitudes towards technology can be influenced by social, cultural, economic, political, and ecological concerns. The decision to introduce or eliminate a technology will affect different people and vary depending on the timing. Issues can create some heated debates that require that both sides of the debate to acquire detailed information and ask the right questions. By studying technological issues, students learn that there may not be a solution that everyone agrees upon, nor does everyone benefit or share the expense in the same way. The study of technological issues will not give students the correct answers, but allows them to develop skills in asking critical questions, understanding alternative viewpoints and their origins, and gives them the confidence to be involved.

**Recommendation:** Foundations of Technology recommended as a prerequisite

### **Technological Design**

Grades: 10-12

2<sup>nd</sup> Semester Course – ½ Credit

In this course, engineering scope, content, and professional practices are presented through practical applications. Students in engineering teams apply technology, science, and mathematics concepts and skills to solve engineering design problems and innovate designs. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors and ethics. This course is an essential experience for students who are interested in technology, innovation, design and engineering.

### **Drafting**

Grades: 10-12

1<sup>st</sup> Semester Course – ½ Credit

Available as College Dual Credit – 3 College Credits

This course is an introduction to print reading, sketching and manual drafting. The course will cover the proper use of tools and equipment, freehand lettering techniques, technical drafting skills, sketching, orthographic projection and isometric drawing in addition to a basic understanding of residential print reading. This course includes students from other schools via ITV.

**Prerequisites: None**

### **AutoCAD**



Grades: 10-12

2<sup>nd</sup> Semester Course – ½ Credit

Available as College Dual Credit – 3 College Credits

This course is an introduction to the operation and application of computer-aided drafting utilizing the latest version of AutoCAD software. Drawing and editing are studied and text styles are utilized in a final project along with layers and dimensioning. This course includes students from other schools via ITV.

**Prerequisites:** None

## **ITV COURSES**

### **English 110**

Grades: 11-12

3 Semester Hours/College Credits

1<sup>st</sup> Semester Course - ½ High School Credit

Sending School - Mayville State University

An introduction to traditional English grammar as the foundation of modern prose style, leading to the understanding of the concepts of classical Aristotelian deduction and generative rhetoric. This approach teaches the logical structure of the sentence as well as its editorial elements, such as usage, punctuation, and spelling. The structure of the sentence is used as a model for constructing paragraphs and later multi-paragraph essays in the various modes of organizational patterns of written expression. This course offers guided practice in college-level writing and critical thinking, and appropriate IT skills.

**Pre-requisite:** Required ACT English sub-score of 18 or above. If the ACT test has not been taken yet, PLAN English sub-score of 15 or above required.

### **English 120**

Grades: 11-12

3 Semester Hours/College Credits

2<sup>nd</sup> Semester Course - ½ High School Credit

Sending School - Mayville State University

A combination of print and electronic library research skills, taught in the University Library with the cooperation of Library personnel and leading to the concurrent writing of papers based on that research; also an introduction to the social and cultural purposes of language and social and regional language variation through the study of fiction, including an introduction to literary analysis of the short story and the novel. This course expands on ENGL 110, offering advanced practice in college-level writing from sources and in applying rhetorical strategies.

**Pre-requisite:** Successful completion of ENGL 110.

## **INFORMATION TECHNOLOGY**

### **Computer Hardware and Operating Systems (A+)**

Grades: 10-12

1 credit - 2 semesters

An introductory level course that focuses on essential hardware and operating system competencies for an entry-level PC service technician. Students will demonstrate basic knowledge of installing, configuring, upgrading, troubleshooting, and repairing microcomputer systems and operating systems. Work-based strategies appropriate for this course. Computer Hardware related careers are explored and students are provided with opportunities to increase their communication, teamwork, and critical thinking skills. Students completing the full year program will be prepared for computer industry certification, such as CompTia's Strata exam, CompTia's A+ certification exam or IC3 certification. (Possible curriculum: ExplorNet, HP/Cisco Sponsored IT Essentials Part 1, Aries, Computer Prep, Element K, etc.)