

Elk Point-Jefferson High School



Curriculum Guide 2018-2019

Curriculum Offerings					
Courses Offered	Credits	Courses Offered	Credits	Courses Offered	Credits
COMPUTER		FOREIGN LANGUAGE		SOCIAL SCIENCE	
Foundations of Technology (S1)	1/2	Spanish I	1	World History	½ or 1
Multimedia Design (S2)	1/2	Spanish II	1	World Geography	1
Web Development (S1)	1/2	*See DDN/ONLINE Offerings		Modern United States History	1
Introduction to Technology Ed. (S2)	1/2	INDUSTRIAL TECHNOLOGY		United States Government	1/2
ENGLISH		Intro. to Arch. & Construction I/II	1/2	Consumer Economics	1/2
English I	1	Cabinetry I/II	1/2	Psychology (2019-2020)	1/2 or 1
English II	1	Welding Technology (S1)	1/2	Current Events (S2) (2020-2021)	1/2
English III	1	Adv. Welding Technology (S2)	1/2	Sociology (S1)	1/2
Honors English III	1	Welding Sculpture & Fabrication (Welding III) (S1 or S2)	1/2	Vietnam Era (S2)	1/2
English IV	1	MATHEMATICS		MISCELLANEOUS	
Honors English IV	1	Algebra I	1	Networking Systems	1
FACS		Algebra II	1		
Nutrition & Wellness (S1)	1/2	Accelerated Algebra II	1	DISTANCE EDUCATION	
Dietetics & Nutrition (S2)	1/2	Geometry	1	AP Physics B	1
Serving Families & Communities (S1)	1/2	Accelerated Geometry	1	AP English Language & Comp.	1
Skills for Parenting (S2)	1/2	Pre-Calculus	1/2	AP English Literature & Comp.	1
Human Development (S2) (2019-2020)	1/2	Probability and Statistics (S1)	1/2	AP Biology	1
PHYSICAL EDUCATION		Calculus (S2)	1/2	AP Statistics	1
Physical Education	1/2	SCIENCE		AP US History	1
Fitness & Conditioning	1/2	Physical Science	1	AP Calculus AB	1
FINE ARTS		Biology	1	AP Chemistry	1
Newspaper (1 Year)	1/4	Chemistry	1	College Prep Physics	1
Yearbook (1 Year)	1/4	Ecology	1	Spanish III	1
Band	1/2	Biology: Advanced Studies	1	ODYSSEYWARE	
Jazz Band (1 Year) or Swing Choir (1 Year)	1/4	Physics	1	ODY: Health	1/2
Chorus	1/2	Advanced Chemistry	1		
Creative Art I	1/2			VIRTUAL HIGH SCHOOL COURSES	
Creative Art II	1/2			DUAL CREDIT CLASSES	
Creative Art: Drawing (S1)	1/2				
Mixed Media (S2)	1/2	*Note: 1/2 credit courses meet for one semester; 1 credit courses meet for one year. A complete listing of course descriptions is included in this document on the following pages.			
Creative Art: Sculpture (S2)	1/2				
Art History (S2)	1/2				

Elk Point-Jefferson Graduation Requirements

English/Reading & Communication Art (4 credits) English I, II, III, IV (All English classes are a year-long)
Social Studies (3.5 credits) (.5) World History – Grade 9; and (1) World Geography -Grade 10; and (1) Modern US History – Grade 11; (.5) US Government Comp. and (.5) Economics – Grade 12
Mathematics (3 credits) * Path A: Pre-Algebra, Algebra I, Geometry (this option is only open for the freshman class of 2012-2013) Path B: Algebra I, Geometry, Algebra II Path C: Algebra I, Accelerated Algebra II, Accelerated Geometry Path D: Accelerated Algebra II, Accelerated Geometry, Pre-Calculus You cannot switch between math paths. All math classes are a yearlong. *The Opportunity Scholarship requires 4 years of Math, Algebra I and higher
Science (min. of 3 credits) * Path A: Physical Science, Biology, Ecology Path B: Physical Science, Biology, Chemistry Path C: Physical Science, Biology, Physics Senior Year: could take Ecology, Chemistry, Advanced Chemistry, Biology: Advanced. Studies or Physics) All Science classes are a yearlong. *The Opportunity Scholarship requires 4 years of Science
Fine Arts (1 credit) (Creative Art I / II, Creative Art Drawing, Creative Art Sculpting, Graphic Design, Art History, Band ,or Choir (All classes are a semester long, Band and Choir are the only Fine Arts classes that can be taken all four years)
Computer Studies (1 credit) Foundations of Technology (formerly Computer Applications), Web Development (formerly Web Design I), Introduction to Technology Education, Multimedia Design Classes are a semester long
Physical Education (.5 credit) Physical Education, Fitness & Conditioning (All classes are a semester long but students can take up to 4 semesters)
Health (.5 credit) Health will be taught in the middle school. No credit will be awarded for the course, but it will be entered on the high school transcript to fulfill graduation requirements. Students entering the district after the seventh grade will be provided an opportunity to complete and earn this semester credit through online instruction if instruction was not provided at the previous high school or middle school.
Required Offerings (1 credit) Students must select (1 credit) of : <ol style="list-style-type: none">World Language, orApproved Career and Technical Education courses: Introduction to Architecture & Construction I/II, Cabinetry I/II, Welding I, Adv. Welding, Nutrition & Wellness, Dietetics & Nutrition, Serving Families & Communities, Skills for Parenting, Human Development: Prenatal to Toddler, Foundations of Technology, Web Development, Introduction to Technology Education. (World Language classes are year-long. The Approved Career and Technical Education classes are a semester long)
*The Opportunity Scholarship requires 2 years of a World Language, approved CTE courses or a combination of the two
Electives: 2.0 or 5.0 units
Total credits: 22 units

High School Coursework

Deciding what to take in high school is a big decision. You need to make sure you are taking the courses that you will need to get into college, play sports in college, and qualify for scholarships. Here are some things to keep in mind as you decide what classes to take.

College & University Admissions Requirements

The following table gives you an idea of what you need to take in High School to attend various colleges in our area.

<i>Subject</i>	<i>SD BOR School (USD, SDSU, NSU, BHSU)</i>	<i>University of Nebraska - Lincoln</i>	<i>University of Iowa</i>
English	4	4	4
Math	3 (Algebra I or higher)	4	3
Social Studies	3	3	3
Natural Science	3	3	3
Fine Art	1	0	0
Foreign Language	0	2 (in the same language)	2 (in the same language)

**Students should complete the above listed core classes with a "C" average or better.*

Elk Point-Jefferson Valedictorian / Salutatorian Requirements

The following coursework is above and beyond the graduation requirements and must be completed to be considered for valedictorian/salutatorian status:

- Four units of English
- Four units of Algebra I or higher mathematics
- Four units of Science (Three units of laboratory science)
- Three and one-half units of Social Science
- Two units of Modern or Classical Language (includes American Sign Language)
- One unit of Fine Arts

Representative Man & Woman

High School Staff will select by vote three boys and three girls from the pool of candidates who have met the requirements listed below. Of these six candidates, one male and one female will be selected by vote of the senior class to represent them at graduation under the title of Representative Man and Representative Woman. The Representative Man and Representative Woman will give the "Commencement Address" and "Farewell Address" on a rotating basis.

- Minimum G.P.A. of 3.5
- Fulfill the requirements currently listed under Valedictorian/Salutatorian.
- Have participated in a minimum of two cumulative years of extra or co-curricular activities

Opportunity Scholarship

The Opportunity Scholarship is \$6500 and is awarded to students who *qualify and attend a participating South Dakota institution (see website for the list of 18 participating technical schools and colleges). All students who meet the criteria receive the money. The following coursework is above and beyond the EPJ graduation requirements:

- *4 units of Algebra or Higher Mathematics*
 - *4 units of Science*
 - *2 units of either of the following or a combination of the two:*
 - *Approved Career & Technical Education Courses*
 - *World Language*
- *GPA of 3.0, no grade below a C, ACT Composite score of 24*

Website: <http://sdos.sdbor.edu/>

NCAA Eligibility Center

Students wanting to play sports at a Division I or Division II college need to take 16 core courses while in high school. Students must also meet the GPA requirements (based on grades in core classes only) and ACT requirements. Students should read the *Guide for the College Bound Student Athlete* to understand all the requirements.

For Division I: 10 core courses to be completed prior to the seventh semester and seven of the 10 must be a combination of English, math or natural or physical science.

- English (4 years required)
- Mathematics (3 years required)
- Natural/physical science (2 years required)
- Additional year in English, mathematics or natural/physical science (1 year required)
- Social science (2 years required)
- Additional academic courses (4 years required) (Math, Science, Social Sciences, English and World Language are all considered academic courses)
 - Psychology and Sociology are approved core Social Science courses

Website: http://web1.ncaa.org/ECWR2/NCAA_EMS/NCAA.jsp

Course Descriptions

The course descriptions given are brief explanations of the major components of each course. If you have further questions please do not hesitate to contact the course instructor, guidance counselor, or high school principal.

COMPUTER

FOUNDATIONS OF TECHNOLOGY (FORMERLY COMPUTER APPLICATIONS)

1/2 Credit/1 Semester (Fall) Approved CTE Course

This semester long course focuses on the use of various software applications including Microsoft Word, Excel, PowerPoint, and Access. The student will be taught intermediate and advanced skills in word processing, spreadsheets, multimedia presentations, and databases. Activities include creating mail merges and newsletters; creating financial statements and databases with Excel; creating PowerPoints with flowcharts, spreadsheets, rehearsed timings, and sound; and creating reports and queries from databases. In addition, the students will learn how to use Google Docs an online office suite similar to Microsoft Office. As time permits, other school software will be demonstrated such as Adobe InDesign and Microsoft Publisher. This class satisfied 0.5 credits of Computer Sciences as required for graduation by Elk Point – Jefferson High School

MULTIMEDIA DESIGN

1/2 Credit/1 Semester (Spring) **This is not an Approved CTE**

This semester course is designed for students who want to learn various multimedia skills. Areas covered include PhotoShop basics, advanced PowerPoint features, Jing, Google Earth, Microsoft Publisher, and Corel VideoStudio. Students will learn a variety of tools that will enhance their skills to use in other classes. This class may be used to fulfill one semester of the computer science requirement. This class satisfied 0.5 credits of Computer Sciences as required for graduation by Elk Point – Jefferson High School

WEB DEVELOPMENT (FORMERLY WEB PUBLISHING & DESIGN)

1/2 Credit/1 Semester (Fall) Approved CTE Course

This semester course will introduce students to the HTML language. The student will create web pages using the HTML code and Adobe Dreamweaver. Adobe PhotoShop will be used to edit images, create images with transparent backgrounds, and create customized backgrounds. The student will also be introduced to Java scripting and style sheets. This class satisfied 0.5 credits of Computer Sciences as required for graduation by Elk Point – Jefferson High School

INTRODUCTION TO TECHNOLOGY EDUCATION

1/2 Credit/1 Semester (Spring) Approved CTE Course

** Pre-requisite Juniors and Seniors only

This semester course is designed for students who want to explore and understand the ways in which science and technology are applied in our world. Topics covered include: Computer Aided Drafting and Manufacturing using 3D printers that students will be coding and programming, Electrical concepts including Ohm's Law, Circuits Electric Motors, and building, coding, and programming Drones. This course is open to Juniors and Seniors in good academic standing. This class satisfied 0.5 credits of Computer Sciences as required for graduation by Elk Point – Jefferson High School

ENGLISH

ENGLISH I

1 Credit/1 Year

This is a required, year-long course for freshmen. The first semester is a grammar and composition course incorporating traditional grammar study and a process approach to writing. The second semester involves a survey of literature and a continuation of composition basics. Vocabulary study is ongoing throughout the year.

ENGLISH II

1 Credit/1 Year

This is a required course for sophomores. English II provides students the opportunity to learn new skills in communication and explore new literature to maintain their reading comprehension and writing skills. The course utilizes an introductory curriculum in business and technical speaking and writing. The students will be exposed to an introductory speech unit involving preparation, listening skills, and delivery techniques. They will also be exposed to a comprehensive approach to technical writing in the business, professional, and occupational fields. The focus of the course is to emphasize that communication skills are essential for future career pursuits in an ever-changing world. Novels are also included within the class to maintain and build on reading comprehension and application. Skills that will be enhanced throughout the curriculum include: reading, speaking, and writing.

ENGLISH III

1 Credit/1 Year

All juniors must take either English III or Honors English III. English III is a year-long course which provides a traditional approach to the study of language and literature, with emphasis on practical skills. The focus is on classic American Literature, including poetry, prose, short stories, a novel, and informational text. Grammar and composition are addressed throughout the year. Vocabulary study is ongoing throughout the literature units.

HONORS ENGLISH III

1 Credit/1 Year

**Pre-requisite of no semester grade lower than a C- in English I or English II.

All juniors must take either English III or Honors English III. Honors English III is a year-long course which provides experiences that will prepare students for the challenges of higher education. The focus is on American literature, with emphasis on materials and activities that are appropriate for college-bound students, including poetry, prose, short stories, novels, and informational text. Additionally, students will read and study Shakespeare's *Macbeth*. The composition component also provides curriculum appropriate for college-bound students including an introduction to MLA research writing. Vocabulary study is ongoing throughout the literature units.

ENGLISH IV

1 Credit/1 Year

All seniors must take either English IV or Honors English IV. English IV is a year-long course which provides a traditional approach to the study of language and literature, with emphasis on practical skills for college and/or vocational students. Students read and study a survey of modern literature including short stories, drama, a novel, and informational text. Language skills, vocabulary, and composition are included in the curriculum.

HONORS ENGLISH IV

1 Credit/1 Year

** Pre-requisite Honors English III

All seniors must take either English IV or Honors English IV. Honors English IV is a year-long course which provides experiences that will prepare students for the challenges of higher education. Students read and study Shakespeare's *Hamlet* as well as a survey of modern literature including short stories, drama, a novel, and informational text. The language skills, vocabulary, and composition components are designed to prepare students

for academic writing. Students will build writing skills expected of an entry-level college freshman, including literary analysis and research writing.

FAMILY AND CONSUMER SCIENCE (FACS)

NUTRITION & WELLNESS

1/2 Credit/1 Semester (Fall) Approved CTE Course

According to the Center for Disease Control and Prevention, 23% of South Dakota high-school students are overweight or at risk of becoming overweight. Nationally, “obesity rates continue to rise in the United States. Since 1980, being overweight has doubled for children and tripled for adolescents. Being overweight puts children and teenagers at greater risk for developing type 2 diabetes, risk factors for heart disease at an earlier age, and other health conditions including asthma, sleep apnea, and decreased self esteem” (National Conference of State Legislatures – Childhood Obesity Update – 2005). Nutrition and Wellness course is designed to help students develop eating behaviors that will have a positive affect on their current and future lifestyles. Course topics: Nutrition and wellness of individuals and families, food safety and sanitation, nutrition from production to consumption.

DIETETICS & NUTRITION

1/2 Credit/1 Semester (Spring) Approved CTE Course

Employment of dietitians is expected to grow about as fast as the average for all occupations through 2012 as a result of increasing emphasis on disease prevention through improved dietary habits. Public interest in nutrition and increased emphasis on health education and prudent lifestyles will also spur demand, especially in management. In addition to employment growth, job openings will result from the need to replace experienced workers who leave the occupation. **Course Topics:** Career paths and careers in dietetics and nutrition, Societal trends impacting dietetics and nutrition careers, Current nutrition concerns and trends, Menu planning for others to meet individual needs, Food safety and sanitation.

SERVING FAMILIES & COMMUNITIES (FAMILY LIVING)

1/2 Credit/1 Semester (Fall) Approved CTE Course

**Prerequisite Juniors or senior status

The first part of the class we focus on I, me, and myself. Topics studied are personality, development, families and trends, roles of family members, and various relationships. Part of this class is being Secret Santa’s and shopping for families for Christmas.

SKILLS FOR PARENTING

1/2 Credit/1 Semester (Spring) Approved CTE Course

**Prerequisite Juniors or senior status

Parenting focuses on the variety of roles and responsibilities parents in our society assume. Students will examine parenting practices such as nurturing, communication, and guidance to develop knowledge and skills that will help them in parenting roles now and in their future. They will also examine the biological processes of parenting and the impact of lifestyle, emotional factors and technology on this process.

HUMAN DEVELOPMENT: PRENATAL TO TODDLER (2019-2020)

1/2 Credit/1 Semester (Spring) Approved CTE Course

**Prerequisite Juniors or senior status

Understanding patterns, sequences, and stages of development is vital for guiding infant and toddler to make informed decisions. Due to an increasing number of working parents and a need for highly qualified educators, trained personnel in the childcare field are in demand. Human development knowledge is essential for individuals seeking a career in education, health, medical and human service professions, and many other careers involving working with infant and toddler. Topics Covered: Human development theories, Influences on human growth and development, Prenatal development, pregnancy and child-birth, Physical, intellectual, emotional, and social development of infants and toddlers

FINE ARTS

Band

½ Credit per Semester

This ensemble meets five days per week. Members are to be in attendance for all rehearsals. There are two lessons required of band members each quarter. Lesson instruction focuses on the advancement of musicianship, technical skills and performance preparation. The band performs multiple times a year for concert, marching band events, contests and pep band performances. Performance attendance is mandatory. Students receive grades based upon the grade point system established for the high school. Students are evaluated on their rehearsals, lessons, performances, attendance and musicianship skills. Each member of high school band will participate in concert band, pep band and marching band. *Updated 1/30/2014*

Jazz Band

¼ Credit per Year

The High School Jazz Band is an ensemble that meets/rehearses twice a week as decided through scheduling at the administrative level. The rehearsal time is from 7:15am-8am each of these days. Jazz band will perform throughout the year for various concerts and competitions/festivals. This course offers students an opportunity to study and apply improvisational techniques, music theory and the history of jazz. The grade will be earned based on rehearsals, performances, and any possible written assignments or projects as decided upon by the director. Jazz Band will not count as one of the six required classes to be taken throughout the school day.

CHOIR

1/2 Credit/1 Semester

Vocal ensemble meets 5 days per week. Through the performance of music, students develop confidence, self discipline, and the ability to work with others. Using the fundamentals of vocal technique, a wider vocal range, and correct habits of phrasing, students will increase interpretive powers, critical thinking skills and musicianship. The students will integrate prior knowledge and personal experiences into a variety of endeavors. These endeavors will be in reference to the selected repertoire being prepared for Region I music contests, at least 2 concerts, homecoming coronation, and any other performances that occur throughout the school year. Performance attendance is mandatory. If necessary, the director has the right to audition if program numbers exceed capacity limits. Final grades are based on rehearsal participation, project grades, daily work and test/performance attendance.

SHOW CHOIR

1/4 Credit/1 Year

Show Choir is a vocal music ensemble that meets every Monday and Thursday from 7:15am to 8:00 am. In order to learn choreography, a few rehearsals will be held on days we don't have school. This ensemble performs throughout the 2nd semester at selected school events, music concerts and show choir invitationals, therefore, 9-12th grade Choir students involved in this ensemble must make a full year commitment. This course offers students a chance to perform and polish their singing skills, learn choreography, and build performance skills. If necessary, the director has the right to audition to set the choir balance. Final grades are based on rehearsal participation, singing grades and test/performances.

BAND/CHOIR COMBINATION

½ Credit per Semester

Students interested in taking both Band and Chorus in the same semester may do so. Students will attend both ensembles each day as the classes are paired together during the same class period. Students will spend approximately half of the class period in each ensemble. Students will earn ¼ credit for band and ¼ credit for chorus per semester.

CREATIVE ART I

1/2 Credit/1 Semester (Fall)

This class is the first course offered for students to fully engage in art and explore all of its elements. Some media or materials that might be used throughout the semester includes: paint, clay, graphite, pen, watercolor, magazines, newspapers, books, ink, charcoal, colored pencils, and more! Some projects and activities students will engage in throughout the semester includes: sketchbook activities, painting, ceramics, drawing, sculpture, printing, collage, writing, reading, quizzes, critiques, and more. Students must complete a semester project for this course.

CREATIVE ART II

1/2 Credit/1 Semester (Spring)

**Prerequisite Art I

This class is the second course offered for students to fully engage in art and explore all of its elements. Some media or materials that might be used throughout the semester includes: paint, clay, graphite, pen, watercolor, magazines, newspapers, books, ink, charcoal, colored pencils, and more. Some projects and activities students will engage in throughout the semester includes: sketching, painting, ceramics, drawing, sculpture, printing, collage, writing, reading, quizzes, critiques, and more. Students must complete a semester project for this course.

CREATIVE ART DRAWING (2018-2019)

Prerequisite: none

1/2 Credit/1 Semester (Fall)

This class focuses around different styles of drawing. Students will explore different media and learn how to capture value using black and white and color. Students will spend a majority of time practicing techniques and developing their own personal drawing styles. Projects will be based around learning the elements of art and the principles of design. Students are required to do weekly sketches in a sketch book. Project grades are based on working through the process, effort, craftsmanship, and meeting the criteria for the specific project. Students will be exposed to different artists within this area of art with a new artist each week. Grades will be based on projects, quizzes, sketch books, group activities/critiques, research projects and written work. The semester final will be a project and a test that covers the artists of the week and classroom vocabulary.

MIXED MEDIA ART

1/2 Credit/1 Semester (No prerequisite)

This course will examine ways to produce artwork by combining multiple media in the same artwork. Painting, drawing, ceramics, collage, and assemblage can be some of the media used during this class. Students will discuss the works of other mixed media artists throughout history. The students will engage in critical discussions of their own work and that of their classmates.

CREATIVE ART SCULPTURE (2019-2020)

1/2 Credit/1 Semester (Spring)

**Class size limit 12 students*

This class will explore the three-dimensional aspect of art. This will include both ceramic and sculptural projects. Projects will be guided towards the elements and principles of design. Personal motivation and regular attendance are a must! Investigation of artists, tools, and processes will be a heavy

consideration. Grades will be based on rubric-based projects, quizzes, group activities, and written work. A semester research project will also be required.

ART HISTORY (2019-2020)

1/2 Credit/1 Semester (Spring)

Art History introduces students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. This course emphasizes the evolution of art forms, techniques, symbols, and themes by giving students the opportunity to create artwork similar to that of famous artists or works of art. Some media that will be used throughout the semester includes: clay, graphite pencils, colored pencils, paper-making, and more.

YEARBOOK

Must be approved by the Yearbook Advisor

1/4 Credit/1 Year

This is a fine arts credit. Students use Homeroom (8:15 – 8:30) to meet with their advisor and receive direction. The desktop course will utilize computer software to create a design-oriented yearbook. Jostens Yeartech in conjunction with Adobe InDesign creates yearbook pages and merges yearbook body copy thus eliminating manual layout and design of the school's yearbook publication. Yearbook gives students an inside look into running a small business and designing, editing, and finalizing a published book. Students will learn and practice everything that goes into making a published book including: writing, editing, proofing, photography, design, and the use of publication software.

NEWSPAPER

Must be approved by the Newspaper Advisor

1/4 Credit/1 Year

This is a fine arts credit. Students use Homeroom to meet with their advisor and receive direction for article completion, editing, and design.

FOREIGN LANGUAGE

SPANISH I

1 Credit/1 Year

The Spanish I course is designed for secondary school students as an introduction to the language and culture of the Spanish-speaking world. Each student will attain an acceptable degree of proficiency in the four skills of listening, speaking, reading and writing of the Spanish language. These four skills will be presented within the context of the contemporary Spanish-speaking world and its culture. Homework and special projects will be assigned to enhance the learning and cultural experience of each student. Tests and quizzes will be administered in order to evaluate the student's progress. A good attitude, willingness to speak in the target languages, and working cooperatively will insure success.

SPANISH II

1 Credit/1 Year

**Prerequisite Spanish I

The Spanish II course is designed as a follow up to the first year level. This course will be offered to any secondary student who has successfully completed 2 semesters of the Spanish I level. The second level of Spanish will build upon the proficiency in the four skills of listening, speaking, reading and writing. The more complex structures of basic Spanish will have acquired a command of the key vocabulary and structures

necessary for personal communication as well as an appreciation of the breadth and variety of the Spanish-speaking world. Homework and special projects will be assigned to compliment the curriculum. Both tests and quizzes will be a measure of the student's progress. A good attitude, willingness to speak in the target languages, and working cooperatively will insure success.

INDUSTRIAL TECHNOLOGY

INTRODUCTION TO ARCHITECTURE AND CONSTRUCTION I (WOODS I)

1/2 Credit/1 Semester (Fall) Approved CTE Course

Prerequisite: None

Grade Level: 9, 10, 11, 12

This course includes the use of hand and power woodworking machines including the table saw, miter saw, band saw, sanders, and other tools. Students will complete an Adirondack Chair and a second larger project to be sold to individuals within the community. Design of a product using Google Sketchup, production of a material list and cost analysis of materials, reading a blueprint, building the product to specifications and working safely will be emphasized. Student cost will be determined by the amount of material they use to complete the Adirondack Chair.

INTRODUCTION TO ARCHITECTURE AND CONSTRUCTION II (WOODS II)

1/2 Credit/1 Semester (Spring) Approved CTE Course

Prerequisite: Intro to Architecture & Construction I (Woods I)

Grade Level: 9, 10, 11, 12

This course will enhance student learning from Woods I. Students will learn more in depth wood working processes in Woods II. Students will draw a required cabinet using Google Sketchup, make a material list and complete a cost analysis of a project that is teacher selected. Students will be required to complete a night stand that is cabinet built with a drawer and a door installed. The use of quality materials and hardware will be emphasized. Student cost will be determined by the amount of material they use to complete the night stand.

CABINETRY I (WOODS III)

1/2 Credit/1 Semester (Fall) Approved CTE Course

Prerequisite: Intro to Architecture & Construction II (Woods II)

Grade Level: 10, 11, 12

Woods III is a contract course and students will need to create and plan a project. Acceptance into Woods III will be available according to class size of Woods I. This class will use a CAD (Google Sketchup) program to develop designs for the student project and students will make an accurate material list and cost analysis of their project before final instructor approval. The project must be cabinet built and/or be instructor approved, must have a drawer and a door and must be made of quality materials (i.e. oak). Cost to the student will depend on the project(s) completed and the vendor the student chooses to use. There is no requirement on the size or cost of the project.

CABINETRY II (WOODS IV)

1/2 Credit/1 Semester (Spring) Approved CTE Course

Prerequisite: Cabinetry I (Woods III)

Grade Level: 10, 11, 12

Woods IV is a contract course and students will construct a project that is chosen by the instructor for business and individual partners in the community. The class will use a CAD (Google Sketchup) program to develop designs for each project, a material list and cost analysis must also be completed. This class is meant to improve the employability skills of the students involved. Students will be required to fill out an application and submit a resume as a first project in the class and will be given a product that they must construct to specifications for their customer. There will be no cost to the student for this course.

WELDING TECHNOLOGY (WELDING I)

1/2 Credit/1 Semester (Fall) Approved CTE Course

A combined lecture and lab course. Presents basic fundamentals, the operation of equipment, and safety practices. Includes oxyfuel welding on light gauge metals and Oxyfuel cutting on heavy and light gauge metals. Students will learn about SMAW including the study of safety, heat settings, polarity, and the proper selection of electrodes in the arc welding process. Covers welding on carbon steel plate using visual and destructive methods of determining weld quality to AWS Standards. There will be no cost to the student for this course.

ADVANCED WELDING TECHNOLOGY (WELDING II)

1/2 Credit/1 Semester (Spring) Approved CTE Course

Prerequisite: Welding Technology (Welding I)

A combined lecture and lab course. Presents basic fundamentals, the operation of equipment, and safety practices. Includes advanced oxyfuel cutting on heavy and light gauge metals. Will cover GMAW and GTAW including the study of safety, heat settings, polarity, and the proper selection of electrodes in both welding process. Covers welding on carbon steel, stainless steel and aluminum plate using visual and destructive methods of determining weld quality to AWS Standards. Students will also learn about brazing as an extension of skills learned during oxyfuel welding in welding 1. There will be no cost to the student for this course.

WELDING III 1/2 Credit/1 Semester (Fall or Spring) Welding III is not an Approved CTE

Course Prerequisite: Welding I & II

A combined lecture and lab course. Presents basic fundamentals, the operation of equipment, and safety practices. Students will complete 4 required projects and an independent project that is either a functional project or a sculpture as a minimum requirement for the class. The required projects are an aluminum cast of a foundry design, the creation of a machinist hammer, the completion of metal rose and the construction of a sheet metal tool box. The independent project will consist of a design process using Google Sketchup and/or pencil and paper and the completion of a material list of the products that they will need to complete the project. There will be artistic input from the high school art teacher for those who wish to build an art project and input from the welding instructor on material choices and our ability to combine materials together. The use of the plasma cutter, GMAW, GTAW, Brazing, Tap and Die sets, hammering and forming skills, heating skills and grinding/finishing skills will be emphasized. Student must be able to work on an independent basis and must be willing to make adaptations to their independent project when impossible/unrealistic scenarios present themselves. Cost to the student will depend on the project(s) completed and the vendor the student chooses to use. There is no requirement on the cost of the project. Projects are subject to instructor approval.

MATHEMATICS

ALGEBRA I

1 Credit/1 Year

This is an introductory course in algebra. Students learn basic algebraic skills dealing with real numbers, equations, inequalities, polynomials, functions, problem solving, and the structure of algebra as a mathematical system. There is some review of basic computational skills. There are no prerequisites. The credit earned satisfies one credit of the EPJS math graduation requirements and also counts as a college entrance math course. The usual grade level is ninth, but the course is open to all grades. It is strongly recommended that all high school students take Algebra I before graduating.

* Algebra I taken during the eighth grade year will be listed on the high school transcript, but will not count toward fulfilling the EPJ high school graduation requirements in mathematics.

ALGEBRA II

Prerequisite: Geometry

1 Credit / 1 Year

This course is a study of the state and CCSS pertaining to Algebra II. Topics covered include basic properties of real numbers, exponents & radicals, rectangular coordinate geometry, solutions to linear and quadratic equations, systems of equations, inequalities, polynomials, factoring, rational expressions and equations, radical expressions and equations, complex numbers, and functions. This course is the third course in the Algebra I, Geometry, Algebra II sequence of courses to obtain the three math credits required for graduation. A major goal of this course is to prevent remediation at the post-secondary level.

ACCELERATED ALGEBRA II

1 Credit/1 Year

**Prerequisite Algebra I

This course reviews skills learned in Algebra I and deepens the student's understanding of the underlying concepts. More advanced topics also are learned, such as working with radical expressions, imaginary numbers, and conic sections. This credit meets EPJS graduation requirements in math and also college entrance requirements. Algebra I is a prerequisite. Students considering any post-high school education are encouraged to complete Algebra II.

GEOMETRY

1 Credit / 1 Year

**Prerequisite Algebra I

This Geometry class is offered mainly as a third mathematics credit for those students that have taken Pre-Algebra and Algebra I. This course focuses on two dimensional shapes, three-dimensional figures, parallel and perpendicular lines, and all the parts, properties, and theorems that involve them. This course will also build upon the algebra concepts students have learned in Algebra I and apply them to geometric situations. The main difference between this Geometry and Honors Geometry will be that this course will not learn to build geometric proofs to the same extent in addition to Honors Geometry curriculum being based upon Algebra II concepts. (Algebra II is a pre-requisite for Honors Geometry.) However, this Geometry class will include some Algebra II concepts that need to be covered to ensure that the students that take Pre-Algebra, Algebra 1, and this Geometry are being taught all of our state content standards. Geometry is a full year course. Grading will be done through precise daily work, mid-chapter quizzes, and group and individual testing.

ACCELERATED GEOMETRY

1 Credit/1 Year

**Prerequisite: Accelerated Algebra II

Geometry is the study of points and how they evolve into geometric figures. This course will focus on the shapes, sizes and properties of these geometric figures. Geometry is one of the most integrated mathematics in our world, and pivotal to many fields including construction, design, and logic, to name a few. There are several types of geometries. The type we will study is Euclidean geometry, initially developed by Euclid, a Greek mathematician of about 300 B.C. Through this course, students will better understand the world around them through a geometric viewpoint, which involves proofs, theorems, geometry in professional practice, and

logic. Grading will be done through mid-chapter, chapter and semester tests, along with a high regard for daily work. Geometry is a full year course.

PRE-CALCULUS

1 Credit/1 Year

**Prerequisite Accelerated Geometry

This course covers trigonometry and advanced algebra topics. In trigonometry, the trig functions are studied as circular functions and in right triangles. Algebra topics include solving and graphing functions to a degree greater than two, logarithms, polynomial inequalities, and an introduction to calculus. Any student planning to attend college will find this course helpful in college math. Those pursuing careers in engineering, any medical field, business, or other math or science related fields are urged to take this class. Prerequisites are Algebra I, Algebra II, and Geometry.

PROBABILITY & STATISTICS

1/2 Credit/1 Semester (Fall)

**Prerequisite Pre-calculus

Probability is the study of the likeliness of an event occurring. Experiments are conducted and predictions are made based on the data and on theoretical probabilities. Statistics is the science of collecting and analyzing data and turning that data into information. Tables, graphs, and charts are constructed, read, and interpreted. This course is intended for those students wishing to have five years of college-prep math courses. It does NOT replace Pre-calculus for those planning to go on to college or tech school. It is an additional available upper level math class.

CALCULUS

1/2 Credit/1 Semester (Spring)

**Prerequisite Pre-calculus

Calculus is a combination and extension of concepts studied in Algebra I, Algebra II, Geometry, and Pre-calculus. Topics and skills learned in these math classes are used to extend the realm of mathematical learning. There are two main problems in calculus: the tangent line problem and the area problem. This course is designed as an introduction to Calculus I that many students will take in college. Students who have successfully completed Pre-calculus during their junior year are encouraged to take this course in preparation for college mathematics.

PHYSICAL EDUCATION

***Students may apply up to two physical education credits toward graduation. Any physical education class over the two credit mark will count toward G.P.A. but will not count toward the 22 required credits for graduation.

PHYSICAL EDUCATION (LIFETIME ACTIVITIES)

1/2 Credit/1 Semester (This class may be taken for one year.)

This course is designed to integrate a variety of activities into students' lives. All activities covered in the class are activities that students will be able to participate in during their adult lives. Each unit will be approximately four weeks long concluding with a week in the classroom covering a topic related to first aid.

FITNESS & CONDITIONING

1/2 Credit/1 Semester (This class may be repeated.)

This course will be centered on student fitness. With the assistance of the instructor, students will set improvement goals, create an individualized exercise program, complete their individualized program, and monitor their progress towards improvement goals. The course will focus on improving students' muscular

strength, muscular endurance, cardio-vascular capacity, flexibility, and understanding of strength training techniques.

SCIENCE

ECOLOGY

1 Credit/1 Year

This is a science elective offered to juniors and seniors. Ecology is the study of interactions among living and nonliving things. This course will include a deep study into water quality and how it relates to living organisms, along with a study of Earth in detail and the impact of humans on it. The course is a one-year course that defines ecosystems, looks at the balance between populations, soil, water, and agriculture, studies pollution and looks at biological resources. Assessment for this course will be based on daily quizzes, lab work, projects, presentations and chapter tests.

BIOLOGY: ADVANCED STUDIES (ANATOMY)

1 Credit/1 Year

This is a science elective offered to seniors. Advanced Biology is the study of human anatomy and physiology. It is a one-year course that introduces the students to the design and inner workings of the human body. The course is organized into a study of the body's organizations, support and movement, regulation of body activities, defense mechanisms and body maintenance. Assessment will be based on daily quizzes, lab work, projects and presentations, and chapter tests.

BIOLOGY

1 Credit/1 Year

This course is a required one-year program for sophomores. The course will provide the student with the skills necessary to understand how biology is a part of everyday life. Content of the course includes use of the scientific method, features and classification of living things, the processes of life and reproduction, and man's part in the environment.

PHYSICAL SCIENCE

1 Credit/1 Year

This course is a required, one-year course for freshmen that provides them with background information relevant for other science courses. The materials covered include the study of forces, laws of motion, energy usage and how this relates to work, chemical structure, and nuclear energy. Approximately 1 laboratory investigation per chapter is performed to help students observe concepts first hand. Assessment for this course is based on homework, projects, quizzes, laboratory experiments, WAC/RAC and chapter tests.

PHYSICS

1 Credit/1 Year

Pre-requisite: Completed Algebra II.

This is a science elective offered to Juniors and Seniors. Physics studies the behavior of matter as the result of energy and forces. Gravity, electricity, magnetism, heat, light, waves and quantum physics are some topics studied. Approximately 1 laboratory investigation per chapter is performed to help students observe concepts firsthand. Assessment for this course is based on homework, projects, quizzes, laboratory experiments,

WAC/RAC and chapter tests. This course will help those students planning on entering medical fields, engineering, computers or any other math/science area.

CHEMISTRY

1 Credit/1 Year

Prerequisite: Taking or have completed either Algebra II or Geometry

This science elective, offered to Juniors and Seniors, emphasizes the development of critical thinking and problem solving skills. This is accomplished through analyzing data; developing an understanding of how matter is classified; using various chemical symbols and equations; learning about atomic structure and theory; using mathematics to solve various problems dealing with chemical reactions; and working with gases, mixtures and solutions. Approximately 1 laboratory investigation per chapter is performed to help students observe concepts firsthand. Assessment for this course is based on homework, projects, quizzes, laboratory experiments, WAC/RAC and chapter tests. This course will help those students planning on entering medical fields, engineering, or any other math/science areas.

SOCIAL SCIENCE

U.S. GOVERNMENT COMPREHENSIVE

1/2 Credit/1 Semester (Spring)

This is a required course for seniors. American government is designed to acquaint the students with the skills and knowledge necessary to function in today's society. It covers the history of the American form of government, the Constitution, political parties, elections, voting, the three branches of the United States national government, state and local governments and various current topics relevant to our society. The students are required to take tests, quizzes, do two or three homework assignments per week. Many field trips, such as government days and the South Dakota Supreme Court sessions, and guest speakers are utilized in class as a way for students to see firsthand the various workings of our national, state and local government. Current events are also stressed to understand today's world and the important issues facing it.

ECONOMICS

1/2 Credit/1 Semester (Fall)

This is a required course for seniors. Consumer Economics is a semester long course which will focus on developing financial literacy. Topics within the course are as follows: budgeting, banking services, sources of credit, consumer loans, taxes, insurance, and investments. The course will draw from the "Personal Finance" content standards as adopted by the South Dakota Department of Education. Assessment will take the form of daily work, activities, quizzes, exams, and a semester exam.

MODERN UNITED STATES HISTORY

1 Credit/1 Year

United States History is a required course for juniors. The class covers a general overview of the history of the United States, the Civil War, Reconstruction, 1900-1920, Pre-World War I, World War I, the Great Depression, World War II, Post-World War II, Korean Conflict, Vietnam Conflict, Civil Rights, the Kennedy years, the Nixon administration, 70's, 80's, and the present. The course stresses the role of elections, legislation, values and morals, life styles, influential people, culture, and other important events on the development of the United States as a country. In class comparison of different time periods is made as a technique to show history tending to repeat itself. An understanding is also made of the past to relate it to future events. Students are required to take tests, quizzes, and complete two to three homework assignments per week. Individual and group projects relating to history are used in class.

WORLD GEOGRAPHY

1 Credit/1 Year

World Geography is a required year long course for sophomores. World Geography is a comprehensive look at our world's geography and its culture. Students study the world by the following regions: United States, Europe, Russia and the Eurasian Republics, Asia, the Middle East, sub-Sahara Africa, Latin America, Australia, and Oceania. The class is designed to acquaint the students with an understanding of the cultural differences and similarities that exist in our world. An understanding of how the regions are dependent upon other parts of the world is also stressed. When studying a region, the students look at physical geography, its people and its culture. Maps of topography, climate, special purpose, political lines and population density are used extensively in class to acquaint the students with map skills. Students use statistics and figures to make charts and graphs and to draw comparisons and similarities of different regions. Students are required to take unit tests, unit projects, quizzes, map tests, and various writing assignments. Group and individual projects are utilized in class. Current events are also used in class as a way to help understand today's world and the important issue facing it.

WORLD HISTORY

1/2 Credit/1 Semester - Either fall or spring (Can be taken for 1 Credit/1 Year)

This is a required semester long course for freshmen. Freshmen must take at least one semester of World History. The semester can be first or second, however students can choose to take an entire year of the course. The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civil, social, and employment settings.

World History Semester 1 (1350-1850)

Semester One concentrates on the early modern world. This class takes a closer look at major changes and movements during this time period. We take a deeper look at cultures and societies that have histories that span hundreds of year that are still in existence along with the importance of civilizations that have long lasting effects on the world we live in today. Topics: Renaissance & Reformation, Age of Exploration, Absolutism in Europe (Crisis), Muslim Empires, East Asian World, Revolution & Enlightenment, French Revolution & Napoleon.

World History Semester 2 (1800-1970)

Semester Two concentrates itself on European Imperialism and the Crisis of the Twentieth-Century. We take a deeper look into how Europe changed itself through industrialization & later changes the world through its imperialist (conquering) movement. We also look at the causes & effects on continual confrontation in Europe that spreads throughout the world through competition, WWI, WWII, & the Cold War. Topics: Democracy & Industrialization, Imperialism throughout the world, WWI, The Depression Years, Nationalism around the world.

PSYCHOLOGY (open to students in grades 11-12) (2018-2019, 2020-2021)

1 Credit/1 Year (Can be taken for 1/2 Credit/1 Semester - Either fall or spring or both semesters.)

The purpose of this course is to provide you with a basic introduction to psychology. You will be provided with a general background of several areas of psychology, what their emphases are, and why they are important. Fundamental research techniques and supporting research in each areas of psychology will be explored. Areas to be covered include different approaches to psychology, research methods and statistics, neuroscience and behavior, sensation and perception, learning, memory, thinking and language, child development, psychological disorders, psychotherapy, and social psychology. The first semester will provide the basic principles of psychology including an introduction of the history of psychology, human development, personality, abnormal behavior, social psychology, feelings and emotions, research methodologies, experimental psychology, psychophysiology, learning and memory, altered states of awareness, sleep and dreams, and industrial and

organizational psychology. The second semester will focus in on psychology with emphasis on a social science perspective. Areas of study typically include language, intelligence and cognition, development, motivation and emotion, health psychology, social psychology, personality and the causes and treatment of mental disorders. There is additional in-depth study of selected topics. Students interested in the basic introduction of psychology should focus on the first semester and students who have a continued interest and potential career path in the study of psychology should consider the second semester of study. Both semesters will provide all students with basic skills and knowledge in the science of psychology.

CURRENT EVENTS (2021-2022)

*1/2 Credit **Prerequisite - Junior or Senior*

Current Events is the study of current social, economic, and political topics. The course will also cover how these three areas of society have been impacted by or have impacted technology, energy, health, education, immigration, human rights, nuclear and biological weapons, world conflicts, ideological struggles, developing countries, the quality of life, international trade, agricultural production, and the world debt crisis. Upon completion of this course, students will be able to: show a greater understanding of political, social, and economic issues that have dominated the news in the past several years and conduct research on current event topics using reliable websites and other sources.

SOCIOLOGY (2019-2020, 2021-2022)

*1/2 Credit (Fall) **Prerequisite - Junior or Senior*

This course focuses on basic concepts, research, and theories involved in increasing the understanding of human behavior and human societies. Utilizing a sociological perspective, the interrelations among human societies, individuals, organizations, and groups are analyzed. Topics of analysis include culture, social interaction, social institutions, social stratification, community, and various social change strategies. Numerous contemporary social problems and issues such as, but not limited to, racial and ethnic relations, sexism, and class bias are discussed.

VIETNAM ERA (2019-2020)

*1/2 Credit/1 Semester (Spring) **Prerequisite - Junior or Senior*

This course will examine the history of the Vietnam War. It will provide the student with the historical background that set the stage for the conflict, the events that led directly to the war, the major issues involved at home and abroad, and an overview of the major battles. Further, this course will also cover the non-military aspects of the war, such as the changing political climate in the United States during the late 1960s that had a profound impact on the outcome of the struggle. (Online curriculum requiring regular class attendance. The class will include teacher-led discussions and classroom projects under the direction of Mr. Haberling.)

MISCELLANEOUS

NETWORKING SYSTEMS (INTRODUCTION TO NETWORK ADMINISTRATION)

1/2 Credit/1 Semester

Prerequisite: Seniors only / Mr. Larsen's approval

Through practical, hands on participation, students will gain experience in PC troubleshooting and repair. They will also gain experience in application and networking software. This is an elective credit.

DISTANCE EDUCATION

Distance Education courses include DDN and Online courses. Registration for all DDN/Online courses must be completed in the semester prior to the start of the course.

Eligible Students:

- Students in grades ten through twelve (sophomore through senior) may be eligible to enroll in a distance course.
- Students must have the required prerequisites for the coursework.
- Students must meet with the high school counselor or principal to determine if the student has the motivation, background skills, and knowledge to be successful in the online learning environment.
- Students must have no grade lower than a C- during the previous school year (inclusive of both semesters).
- Students who fail a distance course, or are removed or expelled from a previous distance course will not be allowed to take another.

NSU STATEWIDE E LEARNING CENTER

The E Learning Centers offers free online Advanced Placement and online high school classes. Students need to talk to school counselor and get approval to take these courses. For course list and course descriptions go to <http://www.northern.edu/academics/elearning>

SOUTH DAKOTA VIRTUAL HIGH SCHOOL

The South Dakota Virtual School is a clearinghouse of distance courses offered by approved providers. Courses are available online or via the Digital Dakota Network. All course offerings are approved by the South Dakota Department of Education. The goal of the Virtual School is to provide choice, flexibility and quality for all students across the state. Go to <http://sdvs.k12.sd.us/> to see a list of courses. The cost is about \$300 for a semester long course. Students interested in taking a Virtual High School course should see the counselor. Registration for all Virtual High School courses must be completed in the Spring prior to taking the course in the Fall.

ODY – ODYSSEYWARE

This is an online program we use here at EPJ School.

HEALTH

1/2 Credit/1 Semester (Fall OR Spring)

**Prerequisite – Assigned by school counselor to meet graduation requirements.

High School Health is an online elective course that introduces students to what good health is, why good health is important, and what students should do in order to achieve and maintain good health.

DUAL CREDIT CLASSES

Dual Credit courses are open to juniors and seniors in good standing. Students receive one half (.5) high school credit, as well as the college credit. We have two options for students – online classes from the South Dakota Board of Regent schools and WITCC.

Eligible Students:

- Students must have the required prerequisites for the coursework.
- Students must meet with the high school counselor or principal to determine if the student has the motivation, background skills, and knowledge to be successful in the online learning environment.
- Students must have no grade lower than a C- during the previous semester.
- Students who fail a distance course, or are removed or expelled from a previous distance course will not be allowed to take another.

South Dakota Board of Regents Schools

Juniors and seniors who meet certain requirements can take classes at a South Dakota Board of Regent School for \$48.33 a credit hour. Students interested in taking dual credit classes should see the school counselor for more information. Registration for these courses must be completed during the prior semester.

Western Iowa Technical & Community College (WITCC)

WITCC offers several online college classes. Students who are interested in taking the course must pay for the course. EPJ students get a reduced fee. WITCC loans the books to the students, and there are no other charges or fees. See the school counselor for more information. Registration for these courses must be completed during the prior semester.