

Canton High School



2019-2020

Registration Guide

Helping Each Student Achieve Success

Welcome to Canton High School

Canton High School addresses our mission “Helping each student achieve success” by offering a range of quality classes for students.

Introduction to Registration

The purpose of this registration book is to enable Canton High School students with the help of their parents, teachers, counselor and principal to develop the proper course selection which best meets the students’ needs. Students should select the program of study that correlates with their interests and abilities, and leads to the achievement of personal, educational and career goals. Students are encouraged to select courses that will stretch and challenge them, enabling them to explore all available opportunities. Beginning in 2020-21, all students are expected to pursue the Advanced Honors, Advanced Career Endorsement, and/or Advanced Endorsements.

Courses dropped after the designated 2 day drop period each semester will result in a WF (Withdraw Failing) and recorded on the transcript.

All students (grades 9-11) must take 7 classes each semester. Seniors on track to graduate, may choose to be part-time 2nd semester. All students involved in school activities/sports must PASS a minimum of 2.0 credits per grading period. Refer to the graduation requirement information, as well as the information on college admission requirements.

Carefully plan your schedule and complete your registration worksheet. Each student will register with help from a teacher, principal or counselor.

NOTE: If a required subject is failed, it MUST be repeated.

Important Notice for Graduation Requirements

It is the student’s responsibility to know if all requirements for graduation and college entrance are being met. It’s the student’s responsibility to understand the requirements to become a Regents Scholar and qualify for the Opportunity Scholarship. It is the student’s responsibility to register for the courses required for each grade level. Your teachers, counselor or principal are very willing to help you decide if your registration supports your career plans and graduation requirements.

The ultimate responsibility for a proper registration rests with you, the student.

CANTON HIGH SCHOOL GRADUATION REQUIREMENTS 2020 & BEYOND

Canton High School Diploma Requirements	Advanced Career Endorsement	Advanced Endorsement	Advanced Honors Endorsement (All grades must be "C" or higher)
ENGLISH=4	ENGLISH=4	ENGLISH=4	ENGLISH=4
1 English 1 .5 English 2 & .5 Speech .5 English 3 & .5 Am. Lit .5 Senior Comp & .5 Eng. Elective	1 English 1 .5 English 2 & .5 Speech .5 English 3 & .5 Am. Lit .5 Senior Comp & .5 Eng. Elective	1 English 1 .5 English 2 & .5 Speech .5 English 3 & .5 Am. Lit .5 Senior Comp & .5 Eng. Elective	1 English 1 .5 English 2 & .5 Speech .5 English 3 & .5 Am. Lit .5 Senior Comp & .5 Eng. Elective
MATHEMATICS=3	MATHEMATICS=3	MATHEMATICS=3	MATHEMATICS=4
1 Algebra I 2 Math Electives (Pre-Algebra, Financial Math, Geometry, Algebra II)	1 Algebra I 1 Geometry 1 Pre-Algebra	1 Algebra I 1 Geometry or Financial Math 1 Algebra II	1 Algebra I 1 Geometry 1 Algebra II 1 Trig/Pre-Calc, or College Algebra
SCIENCE=3	SCIENCE=3	SCIENCE=3	SCIENCE=4
1 Physical Science or Earth Science 1 Biology 1 Science Elective	1 Biology 2 Other Lab Science (Physical Science, Conceptual Chemistry/Chemistry, Earth Science)	1 Biology 2 Science Electives (Physical Science, Chemistry/Conceptual Chem, Anatomy, Principles of Biomed.)	1 Physical Science 1 Biology 1 Chemistry or Physics 1 Science Elective (Anatomy, POE, Principles of Biomed.)
SOCIAL STUDIES=3	SOCIAL STUDIES=3	SOCIAL STUDIES=3	SOCIAL STUDIES=3
.5 World Geography .5 World History 1 US History 1 Government	.5 World Geography .5 World History 1 US History 1 Government	.5 World Geography .5 World History 1 US History 1 Government	.5 World Geography .5 World History 1 US History 1 Government
FINE ARTS=1	FINE ARTS=1	FINE ARTS=1	FINE ARTS=1
PHYSICAL EDUCATION=.5	PHYSICAL EDUCATION=.5	PHYSICAL EDUCATION=.5	PHYSICAL ED.=.5
HEALTH OR HEALTH INTEGRATION =.5	HEALTH OR HEALTH INTEGRATION =.5	HEALTH OR HEALTH INTEGRATION =.5	HEALTH OR HEALTH INTEGRATION =.5
PERSONAL FINANCE OR ECONOMICS =.5	PERSONAL FINANCE OR ECONOMICS =.5	PERSONAL FINANCE OR ECONOMICS =.5	PERSONAL FINANCE OR ECONOMICS =.5
CTE OR WORLD LANGUAGE=1	CTE OR WORLD LANGUAGE=1	CTE=2	CTE OR WORLD LANGUAGE=2
ELECTIVES=8.5	ELECTIVES=8.5	ELECTIVES=7.5	ELECTIVES=6.5

Canton High School Diploma/Basic Diploma-Indicates a student has pursued a basic diploma. This diploma will allow a student to pursue a post-secondary degree at a technical school, but will not meet the requirements to be admitted into a college or university.

Advanced Career Endorsement-Indicates a student has career experience in a concentrated area, based on academic and/or workplace experience and a related credential.

Advanced Endorsement-Indicates a student has pursued coursework consistent with entrance requirements for postsecondary education at a university.

Advanced Honors Endorsement-Indicates a student has pursued advanced, rigorous, academic coursework consistent with the South Dakota Opportunity Scholarship requirements.

Regent Scholars Requirement

South Dakota high school graduates completing the following high school courses with no final grade below a "C" (2.0 on a 4.0 scale) and an average grade of "B" (3.0 on a 4.0 scale) shall be designated as Regents Scholars and shall be eligible to receive a Regents Scholar Diploma upon request by a high school administrator to the Department of Education. High School graduates designated as Regents Scholars automatically are admitted to all six public universities.

The courses required for a Regents Diploma are:

- **4 units of English.** Courses with major emphasis upon grammar, composition, or literary analysis; one year of debate instruction may be included to meet this requirement.
- **4 units of algebra or higher mathematics:** Algebra, geometry, trigonometry, or other advanced mathematics, including accelerated or honors mathematics (algebra) provided at the 8th grade level; not included are arithmetic, business, consumer or general mathematics or other similar courses.
- **4 units of science, including 3 units of approved laboratory science:** Courses in biology, chemistry, or physics in which at least one (1) regular laboratory period is scheduled each week. Qualifying physical science or earth science courses (with lab) shall be decided on a case by case basis.
- **3 units of social studies:** History, economics, sociology, geography, government—including U.S. and South Dakota, American Problems, and similar courses.
- **2 units of modern or classical language (includes American Sign Language):** The two units must be in the same language.
- **1 unit of fine arts:** Coursework in art, theatre or music. Such credit may be in appreciation, analysis, or performance.

South Dakota Opportunity Scholarship Requirement

The South Dakota Legislature established five requirements that all South Dakota high school graduates must meet in order to establish their initial eligibility in the Opportunity Scholarship program. These requirements specify that a recipient must:

1. Be a resident of South Dakota at time of high school graduation.
2. Have an ACT composite score of 24 or higher before the beginning of post-secondary education. If using a SAT score, the sum of the verbal and mathematics scores on the SAT must be at least 1090.
3. Complete [high school course requirements](#) with no final grade below a "C" (2.0 on a 4.0 scale) and a cumulative high school GPA of 3.0 on a 4.0 scale (grade of "B") prior to graduation (Note: One unit of high school credit equals 1 year of instruction).
 - **4 units of English.**
 - **4 units of algebra or higher mathematics.**
 - **4 units of science, including 3 units of approved laboratory science.**
 - **3 units of social studies.**
 - **1 unit of fine arts.**
 - **½ unit of personal finance or economics**
 - **½ unit of physical education**
 - **½ unit of health or health integration**
 - **2 credits of either of the following or a combination of the two:**
 - **Approved Career and Technical Education Courses**
 - **Modern or Classical Language (Includes American Sign Language; all units must be in the same language)**
4. Effective for those students entering into postsecondary education for the first time on or after August 2013, the curriculum requirements specified in section 3 above are not required for any student who has received a composite score on the ACT of at least 28 and meets the ACT college readiness benchmarks scores equaling or exceeding 18 for English, 21 for Reading, 22 for Math, and 24 for Science.
5. Attend a university, college, or technical school accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools and that provides instruction from a campus located in South Dakota.
6. Enter into the program within 5 years of high school graduation or within 1 year of the student's release from active duty military service (if that release is within 5 years of the date of the student's high school graduation). Students seeking to transfer from a regionally accredited university, college, or technical

school located outside of South Dakota may do so within two years following high school graduation and be eligible to receive partial award.

Requirements for Freshman College Entrance at a South Dakota College or University

Students seeking to determine whether coursework will be counted are encouraged to talk to the school counselor. To be a candidate for admission to a baccalaureate degree program, students must achieve one of the following:

- Graduate in the top 60% of their high school graduation class (University of South Dakota – top 50%).
- Achieve an ACT composite score of 18 or above (University of South Dakota – 21)
- Earn a cumulative GPA of at least a 2.6 on a 4.0 scale.

Along with one of the previous requirements you must complete the following required courses with a cumulative GPA of a “C” or higher (2.0 on a 4.0 scale):

- **4 credits of English;** or ACT English sub-test score of 18 or above; or AP English score of 3 or above.
- **3 credits of Advanced Mathematics*;** or ACT Math sub-test score of 20 or above; or AP Calculus score of 3 or above.
- **3 credits of Laboratory Science**;** or ACT Science Reasoning sub-test score of 17 or above; or AP Science score of 3 or above.
- **3 credits of Social Science;** or ACT Social Studies/Reading sub-test score of 17 or above; or AP Social Studies score of 3 or above.
- **1 credit of Fine Arts;** or AP Fine Arts score of 3 or above.

* Advanced Math must be algebra or any higher level math course.

** Lab Science must be biology, chemistry, physics or approved physical science course.

Students are advised to check the requirements of each college of interest, particularly the foreign language, science and math requirements, since they vary from school to school.

Admission Requirements for SD Technical Institutes

Post-secondary technical institute admission is based on individual program requirements. All applicants must submit a high school transcript and standardized test scores. Students who plan on pursuing technical education are advised to enroll in academically challenging subjects at the high school level, especially math, science and computers.

The state-funded post-secondary technical institutes in South Dakota are:

Lake Area Technical Institute – Watertown Mitchell Technical Institute – Mitchell
Southeast Technical Institute – Sioux Falls Western Dakota Technical Institute- Rapid City

Dual Enrollment and Articulation Agreements

Courses offered to the high school student through one of South Dakota's postsecondary schools mean dual credit at the high school and at the university level.

Articulation is a cooperative effort between CHS and any vocational/technical school in South Dakota allowing students to receive credit for skills mastered in high school. Articulation coordinates high school courses with vocational programs so students can take courses in high school that may eliminate the need to take some introductory courses in their chosen degree or certificate area.

Dual Credit Program

South Dakota Department of Ed and the Board of Regents have partnered for a High School Dual Credit Program. Courses are offered to qualifying high school juniors and seniors attending high school within South Dakota at a reduced rate of \$48.33 per credit. The six South Dakota Public Institutions of Higher Education, as well as technical institutes, offer courses through the reduced tuition Dual Credit Program. Visit the website to see admission requirements and for courses available <http://sdmylife.com/educators/advanced-education-opportunities/>.

Eligible students will register for DC courses through the high school counselors office and are responsible for all costs associated with this program. A new application must be submitted for each semester in which students wish to participate.

CHS credit will be recorded on the student's transcript after a copy of the official grade report is received from the respective college/technical institute. 1 CHS credit will be recorded for each 3 semester hours earned at the college/technical institute. Letter grades will be computed into the student's grade point average using a 4.0 scale. The grade on the transcript will be the same as the college transcript grade. Students can enroll in a maximum of 9 Dual Credit per semester.

Admission Requirements:

1. High school junior eligible to enroll in a high school in South Dakota; or
 - a. Earn an ACT composite score of 24 reflective of the 70 percentile; or
 - b. Rank in upper one-third of their graduating class; or
 - c. Earn a cumulative GPA of at least 3.5 on a 4.0 scale.
 2. High school senior eligible to enroll in a high school in South Dakota; or
 - a. earn an ACT composite score of 21 reflective of the 50 percentile; or
 - b. rank in the upper one-half of their graduating class; or c. earn a cumulative GPA of at least 3.25 on a 4.0 scale
 3. Take one of the following assessments below and meet the required score(s):
 - a. 10th Grade ACT Aspire Summative Assessment – (Score 434 or higher)
 - b. Accuplacer (Sentence Skills-Score 86 or higher AND Elementary Algebra-Score 76 or higher)
- ☐ Registration in English and Math courses will require placement via ACT/SAT and/or Accuplacer.

See School Counselor for more information

AP Classes (Advanced Placement)

Through Advanced Placement classes, students have the opportunity to study courses that are equivalent to first-year college courses. Following instruction in AP classes, the students can take examinations for a nominal fee. These examinations demonstrate that they have obtained the knowledge and skills of comparable college courses. Students must present their AP scores when they enroll in a college/university.

NCAA & NAIA Requirements

NCAA Requirements

As a perspective student-athlete at a Division I or II institution, you are responsible for fulfilling the requirements for participation. Information concerning who needs to register with the NCAA Clearinghouse and necessary documentation can be found at www.ncaaclearinghouse.net.









NAIA Requirements








As a perspective student-athlete at an NAIA institution, you are responsible for fulfilling the requirements for participation. Information concerning who needs to register with the NAIA Eligibility Center and necessary documentation can be found at www.playnaia.org.

Introducing the 16 Career Clusters

Career planning involves career awareness activities taking place in elementary, middle, and high school that prepare students to choose a general area of interest in which to concentrate their studies. These areas of interest are called **career clusters**.

The sixteen **Career Clusters** are:

	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
	Careers in designing, planning, managing, building and maintaining the built environment.
	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
	Planning, managing and providing education and training services, and related learning support services.
	Planning, services for financial and investment planning, banking, insurance, and business financial management.
	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.
	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
	Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

 <p>Human Services</p>	<p>Preparing individuals for employment in career pathways that relate to families and human needs.</p>
 <p>Information Technology</p>	<p>Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.</p>
 <p>Law, Public Safety, Corrections & Security</p>	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p>
 <p>Manufacturing</p>	<p>Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.</p>
 <p>Marketing, Sales & Service</p>	<p>Planning, managing, and performing marketing activities to reach organizational objectives.</p>
 <p>Science, Technology, Engineering & Mathematics</p>	<p>Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.-</p>
 <p>Transportation, Distribution & Logistics</p>	<p>Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.</p>

COMPUTER DEPARTMENT

Graphic Design I **E** **9-12** **Sem** **½ Credit**

This course introduces students to two types of graphic design, video editing and image editing. Students will use camcorders and digital cameras to capture video and images to illustrate comprehension of methods covered during classroom tutorials. Software used for the class includes Cyber link Power Director and Photoshop.

Graphic Design II **E** **10-12** **Sem** **½ Credit**

PR-Commercial Graphic Design Offered every other year

This course is a continuum of Graphic Design I. The same software is utilized, but will require more advanced problems and projects. The curriculum requires a deeper understanding of visual literacy and marketing techniques to obtain a finished product people savor.

Digital Animation **E** **9-12** **Year** **1 Credit**

This course introduces students to fundamental concepts, principles, and practices of 3D digital modeling. Topics covered in this course include: production of geometric and organic surfaces, polygon construction and surfaces. The primary 3D modeling and rendering software used in this course will be Autodesk Studio Max 3D.

Audio/Video Production **E** **9-12** **Year** **1 Credit**

This course in digital media offers instructional lesson for the planning, filming, editing and viewing of quality digital video. This is designed to instruct students and provide them with the technical skills and knowledge for the creation of video productions. Students who are interested in digital video technologies will benefit from this overall production techniques course. Topics covered: pre-production, equipment operation, production, and post-production.

ENGLISH DEPARTMENT

English 1	R	9	Yr	1 credit
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This course is offered to give students an opportunity to explore a variety of different types of literature and to explore different writing styles. Literature will include the following: 1) a play – *Romeo and Juliet*, 2) an epic poem – *The Odyssey*, 3) short stories, and 4) a modern novel – *The Outsiders*. Grammar, usage, and vocabulary will be utilized to enhance student writing. Students will develop their own sense of style as they learn the basic styles of writing. They will write essays that include: expository, persuasive, narrative and descriptive essays.

English 2 **R** **10** **Sem** **½ credit**

This course will utilize what students have learned during their freshman year and challenge them to develop a more complex writing style. Grammar and vocabulary will be used to improve written expression. Analysis of grammar will also be developed, and the usage of both grammar and vocabulary will be strengthened by the writing of journals. Students will analyze different literary genres which include: 1) short stories, 2) non-fiction essays, 3) poetry in the form of music lyrics, and 4) one full length play. Finally, students will further develop skills in research and writing by engaging in their own research project.

Speech	R	10	Sem	½ credit
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This course is offered to give students an opportunity to prepare themselves for public speaking with an emphasis on the importance of communication throughout their lives. They will prepare, deliver, and analyze a variety of speeches. These speeches will include: an impromptu speech, a personal anecdote speech, a demonstration speech, an interpretive speech, an informative speech, and a persuasive speech. Included within the scope of the semester, the students will read two novels – *Tuesdays With Morrie* and *Uglies*. The novels will be used in conjunction with the speech curriculum in order to emphasize different types of communication in a real-world discussion format.

English 3 **R** **11** **Sem** **½ credit**

This course consists of a study of society with famous American speeches, the novel *Jurassic Park*, World War II novels, and the futuristic novel *The Testing*. Students will also develop skills to enhance written expression by first learning and practicing the writing process and then by writing a variety of papers, which include literary analysis, comparison, persuasion, and research. Grammar will be taught with a specific emphasis with how it relates to standardized testing as seen throughout the junior year.

American Literature	R	11	Sem	½ credit
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This course will examine literature as a natural progression of the country and how fiction and non-fiction can be utilized to represent that progression. Students will study a variety of time periods and the literature associated with those time periods. Vocabulary, writing and literary analysis will be used to focus the exploration of the following units: 1) Puritan Literature – poetry, short stories, and a play, 2) American Revolution – historical documents, 3) Native American Teaching Myths – *the Lakota Way*, 4) Poetry – *Spoonriver Anthology* and a variety of poems, and 5) Depression – *Of Mice and Men*. A foundation will be laid for test preparation with grammar, usage, and reading strategies.

Senior Composition	R	12	Sem	½ credit
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This course is designed for students who need to fulfill the writing requirement to graduate, but they may not plan on attending a college or university. Emphasis will be placed on paragraph study with an exploration of different writing styles. They will be expected to write a modified research paper and they

will write and design a senior project (A Senior Memory Book). The main difference between Advanced Composition and Practical Composition will be the length of the writing assignment and the expectation of prior knowledge (in Advanced Composition).

ENGL 101: College Composition R 12 Sem ½ credit & 3 college credit hours

This is a dual credit course through the Rising Scholars program at NSU. The course is an introductory survey of college composition. Students will submit the required Senior Memory book as well as a variety of essays and research papers that will prepare them for the university setting. In order for a student to be able to take the class for dual credit, they must meet the requirements to be admitted into the Rising Scholar Program. The minimum requirement is a composite score of 21 on the ACT. In addition, the student must meet the minimum ACT sub score of 18 in Reading and Writing. The student will also be responsible for the cost of the college tuition, which will be approximately \$40 per credit hour. This course requires teacher approval. This course is worth 3 college credits.

Contemporary Literature E 11-12 Sem ½ credit

This course is an exploration of literature written from the 1950's to the present. Different genres will be explored throughout the semester. They will include: (1) fantasy – *Dragonsong*, (2) humor – *Heir Apparent*, (3) mystery – *And Then There Were None*, (4) science fiction – *The Chrysalids*, and (5) adventure – *Jurassic Park*. The novels will focus on different genres and give students an opportunity to read different styles of literature and develop a personal taste for different genres.

Modern Literature (Futuristic) E 10-12 Sem ½ credit

This course explores the world of the future through novels. These futuristic novels based on possible societies pose great questions of where the present generation could lead us. Students will analyze the texts and create projects that inspire growth and change in society. The following units will be covered: (1) Futuristic Worlds, (2) World Annihilation – *Life as We Knew It* and *The Dead and the Gone*, (3) Medical Technology – *Unwind*, (4) Alien Encounter – *Shade's Children*, and (5) Space Travel/Worlds at War – *Ender's Game*.

Ethnic Literature E 11-12 Sem ½ credit

This course is an exploration of literature written about and by different ethnic groups. Different genres will be explored throughout the semester. They will include: myths/legends, poetry, non-fiction, (novels and speeches), and Holocaust novels.

ENGL 210: Intro to Literature E 12 Sem ½ credit & 3 college credit hours

This is a dual credit course through the Rising Scholars program at NSU. The course is an introductory survey of literature from a wide variety of genres and countries. . In order for a student to be able to take the class for dual credit, they must meet the requirements to be admitted into the Rising Scholar Program. The minimum requirement is a composite score of 21 on the ACT. In addition, the student must have taken ENGL 101 in the previous semester. The student will also be responsible for the cost of the college tuition, which will be approximately \$40 per credit hour. This course requires teacher approval. This course is worth 3 college credits

College Speech (SPCM 101) E 12 Sem ½ credit & 3 college credit hours

This is a dual credit course through the Rising Scholars program at NSU. This course introduces the study of speech fundamentals and critical thinking through frequent public speaking practices, including setting, purpose, audience, and subject. In order for a student to be able to take the class for dual credit, they must meet the requirements to be admitted into the Rising Scholar Program. The minimum requirement is a composite score of 21 on the ACT. The student will also be responsible for the cost of the college tuition, which will be approximately \$40 per credit hour. This course requires teacher approval. This course is worth 3 college credits.

Mythology	E	10-12	Sem	½ credit
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This course is an exploration of mythology from five different cultures and modern writings based on the cultural mythology. The different cultures explored throughout the semester will include: Greek, Native American, Celtic, Norse and Chinese.

Journalism I	E	9-12	Yr	1 credit
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This journalism course emphasizes the development of skills in photo shop, illustrator, and photography. These skills can be used to enhance the production of the yearbook and ECHO. NCAA Clearinghouse for Division 1 or 2 does not accept this as an English elective. This course may be taken more than once.

Journalism II	E	10-12	Yr	1 credit
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PR-Journalism for 10-11 grades

No PR for seniors

Journalism is a prerequisite for all non-seniors. Seniors may take this course without taking Journalism. This course deals 100% with the yearbook. Students will design the yearbook online, be responsible for all pictures (including senior pictures and baby ads) as well as advertising. The course may not be dropped at the semester break since most of the finishing work for the yearbook will take place during the spring semester. NCAA Clearinghouse for Division 1 or 2 does not accept this as an English elective. This course may be taken more than once. This course requires teacher approval.

Film Studies	E	11-12	Sem	.5 credit
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This course is designed to help students develop the skills to “read” a movie. They will learn about film genres and conventions, explore the ways that directors express their interpretation of a story or script, and consider the literary elements of film (for example, foreshadowing, character development, symbolism and dialogue). Students will spend time looking at how music and cinematic techniques affect the experience of film and reflect the interpretive choices directors make as they bring their vision to the screen. To develop these skills, they will be doing several short (1 – 3 page) writing assignments, including at least one movie review; they will also participate in small group work and class discussion.

FINE ARTS DEPARTMENT

Band	E	9-12	Yr	1 credit
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The band program is designed to develop musicianship and give young players opportunities to mature musically. All band students will audition for chair placement in October. Participation in the marching band, concert band, wind ensemble, jazz band, pep band, solo and ensembles, and performing for many activities helps students learn more about music through the development of technical skills on an instrument and brings students an understanding and appreciation of good music.

Concert Choir	E	9-12	Yr	1 credit
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This is an auditioned choir for singers who can maintain an accurate pitch, sight-sing new notation, memorize for performance and sing harmony. The choir members may audition for the South Dakota All State Chorus, and must participate in Region One Solo/Ensemble Competition in February, take voice lessons each week from the vocal music director or outside of school with a private instructor, and perform three concerts during the year. The choir sings for Homecoming and graduation.

Basic Design	E	9-12	Sem	½ credit
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This course is designed to serve as the foundation for students in the Visual Arts program. Students will be exposed to several mediums, from colored pencils and ink to clay and watercolors. This course needs to be completed before moving onto any other art course.

Crafts	E	9-12	Sem	½ credit
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PR—Basic Design

This course focuses on the more 3 dimensional hands on aspects of art. Projects include printmaking, making collages, plaster craft, and wire sculptures.

Mixed Media

PR—Basic Design	E	9-12	Sem	½ credit
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Students will explore techniques, materials, and innovative combinations. Experimenting will take place with collage, drawing, painting, and mixed media projects including watercolor, acrylic, ink, found objects. Students will investigate collage, printmaking, photo transfers, monotype and assemblage techniques. Rather than distinguishing each medium as separate genres of art, this class allows students to explore their exciting in-between territory within layered individual works. A focus will be on a semester long altered-book project.

Ceramics I	E	10-12	Sem	½ credit
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PR—Basic Design

A course designed to provide students with an opportunity to further develop skills and understanding of the clay medium as an artistic form of expression. Emphasis is placed on learning skills necessary to do hand building and wheel thrown forms, decoration and self-expression.

Ceramics II	E	10-12	Sem	½ credit
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PR—Ceramics I

A course designed to provide students with an opportunity to continue the exploration of basic hand building and wheel throwing techniques. There will be emphasis placed on developing proficiency in clay use, surface applications, and kiln firings.

Ceramics III	E	10-12	Sem	½ credit
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PR—Ceramics II

This course continues where Ceramics II left off by allowing more opportunities to further explore hand building and wheel throwing skills. Instructor approval.

Drawing and Painting I & II	E	10-12	Sem	½ credit
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PR—Basic Design

This course will provide the opportunity to further develop skills, explore, and control the depiction of volume and space through drawing and painting. Drawing is the foundation of any painting, thus increasing the importance of drawing with accuracy and detail. In comparison to Drawing I and Painting I, this class will allow more creative freedom.

Drawing III	E	11-12	Sem	½ credit
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PR—Drawing I, II

This is an independent study and needs instructor approval.

FOREIGN LANGUAGE DEPARTMENT

1 credit

Students will demonstrate skills in speaking, writing, reading and listening in Spanish. An integrated, hands-on curriculum is used to introduce vocabulary, grammar and sentence structure necessary in building beginning conversational skills. This course also emphasizes the study of Hispanic customs and cultures. Students will compare and contrast Spanish and its cultures to their own language and culture, connect Spanish to other areas of study, and use Spanish for personal use within and beyond the classroom.

1 credit

PR – Spanish I

Students will continue to demonstrate skills in speaking, writing, reading and listening in Spanish. Students will build upon vocabulary and grammar skills developed in Spanish I, extending their ability to understand and express themselves in Spanish and increasing their vocabulary. This course also emphasizes the study of Hispanic customs and cultures. Students will compare and contrast Spanish and its cultures to their own language and culture, connect Spanish to other areas of study, and use Spanish for personal use within and beyond the classroom.

1 credit

PR- *Spanish II*

Students will demonstrate skills in speaking, writing, reading and listening in Spanish. Students will continue their study of vocabulary and grammar concepts which are necessary in building intermediate conversational skills. This course also emphasizes the study of Hispanic customs and cultures. Students will compare and contrast Spanish and its cultures to their own language and culture, connect Spanish to other areas of study, and use Spanish for personal use outside the classroom.

1 credit

Students will demonstrate skills in speaking, writing, reading and listening in French. An integrated, hands-on curriculum is used to introduce vocabulary, grammar and sentence structure necessary in building beginning conversational skills. This course also emphasizes the study of Francophone customs and cultures. Students will compare and contrast French and its cultures to their own language and culture, connect French to other areas of study, and use French for personal use within and beyond the classroom.

1 credit

PR-French I

Students will continue to demonstrate skills in speaking, writing, reading and listening in French. Students will build upon vocabulary and grammar skills developed in French I, extending their ability to understand and express themselves in French and increasing their vocabulary. This course also emphasizes the study of Francophone customs and cultures. Students will compare and contrast French and its cultures to their own language and culture, connect French to other areas of study, and use French for personal use within and beyond the classroom.

1 credit

PR-French II

Students will demonstrate skills in speaking, writing, reading and listening in French. Students will continue their study of vocabulary and grammar concepts which are necessary in building

intermediate conversational skills. This course also emphasizes the study of Francophone customs and cultures. Students will compare and contrast French and its cultures to their own language and culture, connect French to other areas of study, and use French for personal use outside the classroom.

German I	E	9-12	YR	1 credit
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German I introduces the German language and culture to students. Course work will demonstrate learning through speaking, reading, writing, and listening projects.

German II	E	10-12	Yr	1 credit
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PR –German I

The second year of German continues the study of basic concepts and expands by focusing on newer grammar concepts, cultural awareness and understanding, reading comprehension, composition, and conversation.

German III	E	11-12	Yr	1 credit
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PR – Minimum of a C grade in German II

The third year of German continues the study of basic concepts and expands by focusing on more complex grammar concepts, geographical and cultural knowledge, and both conversational and formal speaking. Reading (novel) comprehension and paragraph writing will be newer components in this coursework.

(All those applying for Regent Scholars are required to have two years of foreign language.)

MATHEMATICS DEPARTMENT

Pre-Algebra	R	9-10	Yr	1 credit
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This course is designed to help students understand the basic structure of Algebra and mathematical fundamentals. This course will follow the same general format as Algebra 1, but the amount of material covered in one year will be less with more emphasis on each section.

Algebra 1	R	9-12	Yr	1 credit
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This course is designed to help students understand the basic structure of Algebra. This course qualifies as a college prerequisite.

Geometry	R	9-12	Yr	1 credit
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PR—Algebra 1

This course centers within the development of geometry as a logical, abstract science.

Algebra 2	R	10-12	Yr	1 credit
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PR—Geometry

This course is an advanced math class for college-bound students who will need an extensive math background. It starts with a review of basic skills learned in Algebra 1 and progresses to solving rational equations, complex numbers, conic sections, analytical geometry, exponential equations, quadratic functions, series, sequences and logarithms.

Trigonometry/Pre-Calculus E 11-12 Yr 1 credit

PR – Algebra 2

The first semester will focus on Trigonometry (solving right triangles, investigating graphs, solving trig equations, and simplifying trig expressions). The second semester will include topics covered in discrete mathematics (such as vectors and matrices) and Pre-Calculus (limits, simple integration, and derivatives)

AP Calculus E 12 Yr 1 credit

PR—Trigonometry/Pre-Calculus

This rigorous course is for the accelerated math student. The rules, concepts, and techniques used in both differential and integral calculus are covered. Use of a graphing calculator will be an integral part of this class. This course prepares the student for the AP Calculus test.

Financial Math E 11-12 Yr 1 credit

This course is designed for students that have waived out of Algebra II. Replacing Algebra II with this course may affect whether you get accepted into a 4-year college. This is an online course through Edgenuity and covers topics such as personal financial planning, career planning, trends in the marketplace, networth, financial goals, budgeting, taxes, insurance, consumer credit and consumer debt.

PHYSICAL EDUCATION/HEALTH/ DEPARTMENT

Physical Education R 9 Sem ½ credit

This course will introduce students to the concepts and practices of personal fitness. Students will be required to dress appropriately for physical activity and be required to participate in all instructional activities. The goal of this course is to help students develop habits for a healthy life style.

Personal Fitness E 9-12 Sem ½ credit

This course is designed to meet the individual fitness needs of all students in the class. It will include fitness programs that are tailored to the individual needs and goals of each student.

Recreational and Team Sports 9-12 Sem ½ credit

This course will introduce students to the concept and knowledge of basic Team Sports rules, activity, and safety in participation. Activities include: football, soccer, lawn games, wiffle ball, golf, ultimate frisbee, bowling, volleyball, archery, net games, matt games, biking.

Individual Sports E 9-12 Sem ½ credit

This course will introduce students to understand that physical activity provides opportunities for enjoyment, challenge, self-expression, social interaction, and employment. Activities include: golf, frisbee golf, lawn games, fly fishing, archery net games, and board games.

Weight Lifting I E 9-12 Sem ½ credit

This is a beginner's course for students who have no weightlifting experience. This course will introduce the fundamental skills of weight training for personal fitness. Emphasis will be placed on proper techniques, training programs, nutrition, and the overall benefits of weight training.

Weight Lifting II E 9-12 Sem ½ credit

This course is designed more for the athletes with weight training experience. This course will include high intensity weight training and aerobic activity. Students will learn numerous ways to train their bodies and minds at high levels of intensity. This course will introduce different forms of lifting when it comes to: supersets, drop sets and how to design an effective circuit routine to utilize all the muscle parts

of the body. The students will also learn how to incorporate explosive movements in between sets to keep their heart rates up and work on how to perform at a high level when tired.

SCIENCE DEPARTMENT

Physical Science R 9 Yr 1 credit

This course is designed to acquaint students with their surroundings. Physical science is divided into the areas of chemistry (the study of structure and properties of matter) and physics (the study of matter and motion). Both semesters include regular laboratory experiences and problem solving using the scientific method.

Biology R 9-10 Yr 1 credit

This is a yearlong study of life from the simple cells to complex organisms, and animals. Students will start this course by learning about basic chemistry. They will then apply that information to the structure and function of cells, which is the basis of all life. Students will also study cell reproduction, genetics, evolution, botany (the study of plants), zoology (the study of animals), and ecology (the study of the environment).

Chemistry R 10-12 Yr 1 credit

PR-Biology

Chemistry involves studying the composition, properties, and reactions of substances. This course involves the following topics: nomenclature, atomic structure, reactions, periodic chart, stoichiometric relations, gases, thermochemistry, solutions, acids/bases, kinetics, and organic compounds. The students will be expected to use the basics of mathematics to predict the amounts of chemicals used or produced in the study of matter.

Conceptual Chemistry R 10-12 Yr 1 credit

Conceptual Chemistry is an introductory chemistry course. Students in Conceptual Chemistry will gain an understanding of chemistry as it pertains to the world around them. The following topics will be covered: Recognizing and understanding the vocabulary of chemistry, solving problems in a mathematical and logical context, recognizing that chemistry is involved in many facets of daily life, developing a picture of atomic structure, nomenclature, shapes of molecules and ions, ionic and covalent bonding and compounds, water, gases, minerals/petroleum, nuclear interactions.

Advanced Chemistry E 11-12 Sem ½ credit

PR-Chemistry

This course is taught at a college level. This course will add to the introductory concepts taught in the pre-requisite chemistry course and apply those concepts to problems found in more practical applications. Topics taught will be selected from the following partial list: a review of beginning concepts, rate and kinetic problems, intermolecular and macromolecular forces and how they apply to the properties of compounds, redox potentials of non-standard solutions, cell structure of ionic substances, quantum numbers, and molecular orbits.

Physics E 11-12 Yr 1 credit

PR-Principles of Engineering or Trig/Pre-Calc

This course is designed to produce a genuine understanding of the physical laws fundamental to all sciences relying heavily on the usage of mathematics skills, especially trigonometry.

Anatomy/Physiology **E** **11-12** **Yr** **1 credit**

PR-Biology

This is a college preparatory course for students interested in the medical field (physical therapy, doctor, dentist, veterinarian, nurse, etc.). In this course students will study Human Anatomy (the study of structures) and Human Physiology (the study of structure functions) together. Students will be expected to learn and apply proper medical terminology, names and locations of many anatomical structures as well as their functions to the human body. The course is cumulative and will follow this series of topics;

Atoms→molecules→organelles→cells→tissues→organs→organ systems→organism

Principles of Biomedical Science **E** **10-12** **Yr** **1 credit**

PR-Biology

The rigorous and relevant four-course PLTW Biomedical Science sequence allows students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person, learning content in the context of real-world cases. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease, all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future.

Human Body Systems **E** **10-12** **Yr** **1 credit**

PR-Principles of Biomedical Sciences

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Manikin, use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration, and take on the roles of biomedical professionals to solve real-world medical cases.

SOCIAL STUDIES DEPARTMENT

World Geography **R** **9** **Sem** **½ credit**

World Geography will start with a base of Science in Geography. It will then introduce students to regions around the world through the five themes of Geography. It will incorporate both the physical and human characteristics of that place. Students will also work on study skills and social skills throughout the year.

World History **R** **10** **Sem** **½ credit**

Students will explore many events, concepts and individuals that have helped shape the world in which we live today. Class begins with the Renaissance and moves into the 20th Century.

American History **R** **11** **Yr** **1 credit**

The course begins with post-Civil War Reconstruction and concludes with the current events of the 21st century. Emphasis is placed on political, economic, military, and social events that have shaped American life and culture.

Archaeology & The Ancient World **E** **11-12** **Yr** **.5 credit**

Archaeology and the Ancient World will provide a survey of the evolution of society from the ancient Middle East through the Greek and Roman civilizations as evidenced through historical, literary, and archaeological data. Studies will focus on but not be limited to Egyptian, Greek, and Roman culture; and topics will include art and architecture, entertainment, athletic competition, militaristic expansion, and daily life in each of

these societies. Students will come to better understand the rise and fall of these empires, their lasting legacies and how they are recorded in both the historical and archaeological record.

Government R 12 Yr 1 credit

This course will focus on the background, development and modern operation of the American system of government.

AP Government R 12 Yr 1 credit

This course will focus on the background, development and modern operation of the American system of government. This course prepares the student for the AP United States Government and Politics test.

Personal Finance E 10-12 Sem ½ Credit

Personal finance is the study of how consumers earn, spend, and save money. Students will understand how to budget expenses based on a fixed income and how to make important decisions that will affect their financial future. Also, students will gain an understanding of income taxes, insurance, and investments. This course will also cover how consumers affect the United States economy and the economies of other nations with a heavy focus on the 2008 financial crisis and resulting economic recession.

Psychology E 11-12 Sem ½ credit

This course focuses on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Major emphases will be placed on research methods, stages in childhood and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders.

Sociology E 11-12 Sem ½ credit

This course illustrates how the groups, or social structures, that one belongs to have a profound influence on the way you think, feel, and act. Sociology looks at groups rather than individuals. Major themes include deviance and social control, inequalities of gender and age, family and marriage, and social issues surrounding modern sport.

Philosophy E 11-12 Sem ½ credit

This largely discussion based course introduces students to the philosophy and its major branches and aims: the natural truth and knowledge, human nature and the nature of the universe, personal identity, right and wrong, rationality and skepticism, developing strong and persuasive arguments, and the difference between deductive and inductive reasoning. The goals of this course are to help you appreciate what philosophy is, explain how it is relevant to practical issues, and to develop your critical thinking and writing skills. This course will not provide simple answers to complex questions or advocate one view is better than another. It will force you to closely examine your beliefs, identity and purpose.

Current Events E 9-10 Sem ½ credit Students will examine the world around them in real time. This course will get students to look at real problems and issues facing the world today and brainstorm potential solutions and consequences. The goal of this course is to prepare students for the real world they are going to enter.

College Western Civilization (HIST 121) E 11-12 Sem 1 credit & 3 college credits

Course/Catalog Description: Surveys the evolution of western civilization from its beginnings into the Reformation and religious wars. (3 university credits)

This is a College Level Course through NSU. Students successfully completing this course will earn 3 college credits from NSU. The college credit tuition for this class is \$120 and must be paid at the beginning of the course. Students are responsible for the cost.

Open to: Grades 11, 12 (½ high school credit)

The purpose of this course is to acquaint students with the political, socioeconomic, cultural and intellectual history of Western Civilization from prehistoric times through the Reformation era and the subsequent religious wars. Central themes will include:

- (1) the evolution of the human condition vis-à-vis developments in material culture
- (2) the interaction between politics and religion in civilization since ancient times
- (3) the foundation of the basic ideas and principles of the Western “tradition”—intellectual, political and cultural—since the emergence of Greek civilization
- (4) the evolution of European political systems and states—and their accompanying legal and economic paradigms—from the Roman Republic through the Middle Ages.

The Wild West	E	9-10	Sem	½ credit
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In this class we look at the history of South Dakota and the Black Hills. We take a close look at the culture of Plains Indians and the individuals most popularly associated with them. We research different outlaws and large scale events that they took place during the time period. Finally, we look at the different conflicts that took place between the natives and the settlers moving west.

CAREER AND TECHNICAL EDUCATION

AGRICULTURE

Introduction to Agriculture E 9 Yr 1 credit

This class will cover a wide variety of fun topics including leadership development, plants, animals, natural resources and shop projects. This class is highly recommended for those freshmen wanting to learn more about FFA and all the opportunities that are available. You will get to choose from a wide variety of topics where you can compete in Career Development Events, develop a SAE, earn money, travel and win awards at the local, state or even national level. No matter what career you choose in life, Leadership is Always in Demand and FFA will give you a huge advantage.

Wildlife and Fisheries E 9-12 Sem ½ credit

In this class you learn about hunting, fishing, & camping in South Dakota. Topics in this class include archery, camp cooking, South Dakota wildlife, and firearm safety. Some of the opportunities include competing in Archery tournaments, receiving you SD Hunt Safe Card, Outdoor Cooking and going Ice Fishing.

Wildlife and Fisheries II E 9-12 Sem ½ credit

PR Wildlife & Fisheries I

This class will review & advance some of the skills learned in Wildlife & Fisheries 1 such as archery & outdoor cooking but will also cover new areas such as outdoor survival skills, trapping, lure & bullet mold casting & reloading. Students will also attend the Sioux Empire Sportsman's show in March.

Ag Metal Fabrication Technology E 10-12 Yr 1 credit

In this class you will learn a variety of skills such as Cutting/Welding with Oxyfuels. MIG & TIG welding & Plasma Cutting. You will learn how to safely cut and weld metal together to create projects while gaining skills you can use to attain employment in a well-paid career field during and after high school.

Ag Metal II E 11-12 Yr 1 credit

PR-Ag Metal I

Fundamental Ag Mechanics E 9-12 Sem ½ credit

If you have little or no knowledge of mechanics but want to learn more, this is a good common sense class to take. In this class you will learn some basic skills that you will use for the rest of your life. You will learn everything from proper tool selection and its use to how to wire a simple light switch.

Food Science E 9-12 Sem ½ credit

In this class you will learn about food safety, marketing & various aspects of the food industry. Activities include creating different categories of food products. Areas also include meat selection, evaluation and preparation. Other valuable skills include seasoning, grilling & smoking different cuts of meats, dairy food evaluation and selection. Students also get the opportunity to compete in the FFA Food Science Career Development Event in the Spring.

Companion Animals E 9-12 Sem ½ credit

In this class you will learn about cats, dogs & other companion animals. Areas include breed identification, nutrition & health. This hands on class will make you a better pet owner and possibly lead to a career interest in becoming a small animal veterinarian.

Ag Leadership, Communication & Leadership E 10-12 Sem ½ credit

Employment, Communication & Leadership

This class will help you develop the soft skills which today's employers are seeking, so no matter what career you choose, this class will give you a competitive edge in the job market and your professional life. Here you will have the opportunity to work by yourself or with a team. You will get to choose between several topics of interest such as: Employment Skills (Job Interview), Media Broadcasting, Communications, Sales & Marketing, as well as several others. These contests are encouraged but not mandatory as part of this class.

World Foods E 9-12 Sem ½ credit

This class will introduce students to the global food systems and agricultural diversity. Food production techniques, economics, society/cultural values, and agricultural constraints in several countries will be studied.

Fundamentals of Horticulture E 9-12 Sem ½ credit

This course will expose students to the art and science of growing plants, shrubs, trees, flowers, fruits and vegetables. This course will cover a variety of topics, including principles of plant science, greenhouse and nursery operations, soils and growing media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design.

Advanced Horticulture E 9-12 Sem ½ credit

PR-Fundamentals of Horticulture

Advanced Horticulture is designed for instructors to customize the curriculum to local industry needs. Topics that will be covered include: landscape design, floriculture and/or greenhouse management. Students will also learn about the identification, use and management of equipment and materials, as well as managing plant growth and maintaining plants and equipment.

Agribusiness Sales & Marketing E 10-12 Sem ½ credit

Have you ever wanted to start and run your own business, or even just learn and gain valuable employment skills? In this class you will have the opportunity to create and develop an actual product or service that is of interest to you. You will then learn how to make business decisions such as tracking income/expenses, marketing and advertising. In addition to gaining valuable work experience and making money, you will also have the opportunity to apply to FFA proficiency award that includes sponsorship money which can also lead to several scholarships.

Fundamentals of Plant Science E 9-12 Sem ½ credit

Fundamental Plant Science courses provide knowledge about the propagation of plants for food and fiber. These courses may cover such topics as soil science, irrigation, pest and weed control, food and fiber processing, and farm operations. These courses may also cover the knowledge and skills needed to produce all types of crops or may emphasize a particular area of the agricultural industry.

Fundamentals of Animal Science E 9-12 Sem ½ credit

Animal Production/Science courses impart information about the care and management of companion and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, research,

qualitative and quantitative analyses as a basis for decision making, and marketing. Students may study a particular species, or they may learn how to care for and maintain livestock as a more inclusive study.

Advanced Animal Science	E	9-12	Sem	½ credit
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Advanced Animal Science will address the advanced knowledge and skills necessary to care for and meet the needs of animals, along with soft skills necessary for careers in the Agriculture, Food and Natural Resources sector. Topics covered include: animal health care practices, nutrition management, reproductive practices, medical terminology, animal classification, surgical techniques, and employability skills. Advanced Animal Science has an increased focus on the veterinary portion of animal husbandry.

Fundamental Ag Mechanical Technologies	E	9-12	Yr	1 credit
Intro to Shop				

Students in this class will learn basic skills such as: shop safety, power & hand tool identification/operation, project design, planning and construction. Spring semester consists mostly of personal project design and construction.

Industry Certification option may include OSHA 10 training which is quickly becoming mandatory for many jobs. This will give you a distinct advantage in current and future employment opportunities.

Ag Systems Technology (Ag Transportation)	E	11-12	Sem	½ credit
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Students will learn fundamentals of gasoline and diesel power units including repair, maintenance and operation. In this class you will also learn about the trucking industry which is a high demand career that offers outstanding job opportunities and pay.

Industry certification available: Class A or B Commercial Drivers License along with various endorsements.

CTE Youth Internship Experience	E	12	Sem	1 credit
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The youth internship allows students to gain hands-on experience at a business, develop employability skills, learn technical skills, and complete a portfolio.

Theatre-Set Design and Construction	E	10-12	Sem	½ credit
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PR-Intro to Shop (Fund. Ag Mechanical Technologies)

This class will take place in the PAC center scene shop and will assist in the design and construction of various scenes to be used for the Spring Musical. Additional projects may include major construction projects for Grand March and Prom.

Fundamental Ag Structures Technology	E	10-12	Sem	½ credit
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Building Construction I

PR-Intro to Shop (Fund. Of Ag Mechanical Technologies)

This course offers basic skills needed to be successful in the agricultural structures industry, such as the safe use of hand tools and power tools, drafting of structural plans, concrete and electrical fundamentals. The course will also incorporate soft skills necessary for careers in the Ag, Food and Natural Resource sector. South Dakota continues to face a shortage of certified electricians, plumbers and contractors, leaving these careers in high demand. Classroom and lab content may be enhanced by utilizing appropriate equipment and technology. Work-based learning strategies appropriate for this course are school-based enterprises and field trips. This class is reinforced

through the FFA and SAE programs, the Ag Mechanics Career Development Event, and related Proficiency Experience or Internship Project. Each student will be expected to maintain a SAE.

Advanced Ag Structures Technology E 10-12 Sem ½ credit
Building Construction II

PR-Fund. Ag Structures Tech (Building Construction II)

This class is offered to meet more advanced needs in the ag structures industry, along with soft skills necessary for careers in the Ag, Food and Natural Resources sector. South Dakota continues to face a shortage of certified electricians, plumbers and contractors, leaving these careers in high demand. . Classroom and lab content may be enhanced by utilizing appropriate equipment and technology. This class is reinforced through the FFA and SAE programs, the Ag Mechanics Career Development Event, and related Proficiency Experience or Internship Project. Each student will be expected to maintain a SAE.

PROJECT LEAD THE WAY

Project Lead The Way is designed to help students explore technology-related careers and to prepare them for two and four-year college, technology-based degree programs. Each class is taught in a laboratory setting using state-of-the-art technology, equipment, and software. Instruction is generally one-third theory and two-thirds application, with involvement of mentors from industry and colleges. Class activities focus on problem solving and requiring students to work in teams to generate solutions. Students may have the option to earn college credit, when possible, through college articulation agreements, offering a seamless link between high school and college.

Typically students who enjoy math and science will benefit from exploring at least part of the program. The program is aimed at both the student who is working toward a career in engineering and the student whose career choice is technical in nature. Students who do not enroll in the traditional mathematic sequence should not enroll in the Project Lead The Way.

Students may apply for transcribed Augustana University credit if they take IED, POE, and CEA. The following requirements must be met: Students must achieve a grade of 80% or higher in each course, must score a 6 or higher on the end-of-course exam, payment of \$200 (\$50 per credit hour).

Introduction to Engineering Design E 9-10 Yr 1 credit

This is the Project Lead the Way introductory course, which develops problem-solving skills while developing 3 dimensional models of objects. Students will use modern, state of the art computer hardware and software to complete their projects (Computer Aided Design CAD). This course will emphasize the design development process of a product and how a model of a product is produced, analyzed and evaluated. Various design applications will be explored with discussion of possible career opportunities. This is a yearlong course where students must complete both semesters to be eligible for potential college credit.

Principles of Engineering E 10-11 Yr 1 credit
Must be in Geometry or higher math

This Project Lead the Way course is designed to help students understand the field of engineering and technology and its career possibilities. Students will develop engineering problem solving skills that are involved in post-secondary engineering programs and engineering careers. They will explore various engineering and technical systems and manufacturing processes. They will also learn how engineers and technicians address concerns about the social and political consequences of technological change. The main

purpose of this course is to experience what engineering and manufacturing is all about. Through theory and hands-on problem solving, students will answer the question, “Is a career in engineering or engineering technology for me?” This is a yearlong course where students must complete both semesters to be eligible for one credit of lab science and potential college credit.

Civil Engineering and Architecture

E 10-12 Yr 1 credit

PR-Biology and Geometry

If you like creating & designing, this class will give you the opportunity to work with the only PLTW (Project Lead the Way) endorsed Architecture class in the state of SD. You will learn about the various types and styles of residential and commercial buildings using a state of the art CAD program that is currently used by Architecture and Engineering firms across the country. Even if you don't plan on being an architect this is a great practical class for anyone that wants to help design and build their own house in the future.

Principles of Biomedical Sciences

E 11-12 Yr 1 credit

PR-Biology

This rigorous and relevant four-course PLTW Biomedical Science sequence allows students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person, and learning content in the context of real-world cases. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease; all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future. This is a yearlong course where students must complete both semesters to be eligible for one credit of lab science.

Human Body Systems

E 11-12 Yr 1 credit

PR-Principles of Biomedical Sciences

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Manikin, use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration, and take on the roles of biomedical professionals to solve real-world medical cases.

Other Courses

Student Mentor	E	12	Sem	no credit
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Through this program the senior student will be able to: experience success by helping students and instructors with academics, serve as positive role models for others, develop writing skills through the journaling process, develop organizational and speaking skills, and develop communication and interpersonal skills. Students may mentor at the high school, middle school or elementary after being accepted through an application process. An instructor may have no more than two student mentors in any given semester. There will be no grade or credit given for this class.

ACT Prep	E	10-12	Sem	no credit
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The ACT Prep class is designed to familiarize sophomores and juniors with the test required for admission by many universities. Well-prepared students are more likely to score higher on the ACT, which may increase their chances of receiving scholarships and enable them to have more options when selecting a college. Students will learn test-taking strategies, review English, Math, and Science content, take practice tests and discover ways to reduce test anxiety. This course is Pass (P) or Fail (F) which requires regular attendance and participation to be successful.

Music in the Movies	E	9-12	Sem	½ credit
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In this class you will study famous movie music and composers by listening, watching, and analyzing movie soundtracks.

Canton High School Four-Year Plan

☐ Economics OR Personal Finance

☐ English 1
☐ English 2
☐ Speech
☐ English 3
☐ American Literature
☐ Composition or College Composition

- ☐ Intro to Literature 210; OR
- ☐ Mythology; OR
- ☐ Ethnic Literature
- ☐ Modern Literature; OR
- ☐ Journalism I, II; OR
- ☐ College Speech

☐ _____
☐ _____

(1 unit must equal Algebra 1 - 8th Grade Algebra fulfills this requirement; Geometry, Algebra II, Pre-Algebra, Financial Math)

[illegible]☐ Physical Education

□ Health

☐ Physical Science
☐ Biology
☐ Chemistry
☐ Physics
☐ Other Science _____
☐ Other Science _____

Other Requirement – 1 unit in any combination (2 units if doing Advanced Career or Advanced Honors)

☐ Approved Career & Technical Education

☐ Capstone Experience or Service Learning

☐ World Language

☐ Computer Studies

[illegible]